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ANNUAL CATALOGUE  
**BEST SEEDS, PLANTS**  
AND POULTRY SUPPLIES  
*FOR THE SOUTH.*

S. Department of Agriculture,  
Washington, D. C.



1907

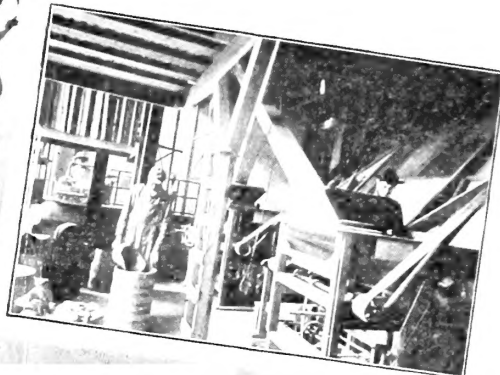
1907

**TEXAS SEED**  
**AND FLORAL CO.**  
DALLAS, — TEXAS.

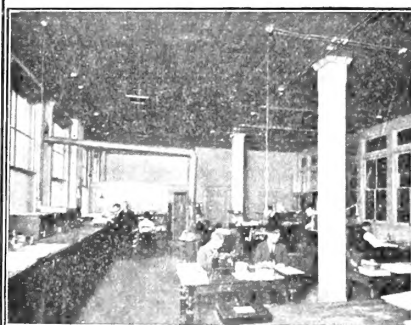
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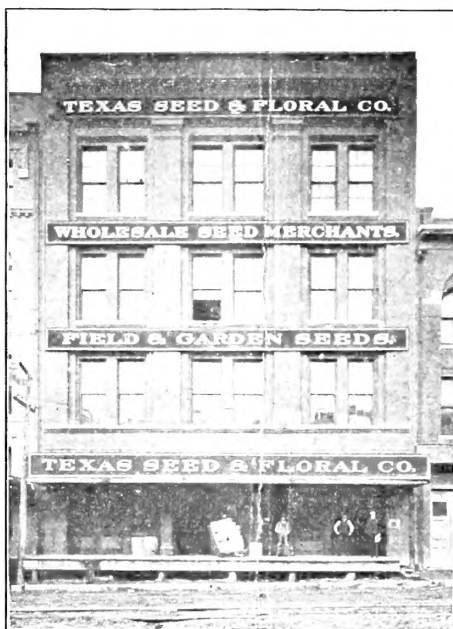
*PARTIAL VIEW  
POULTRY & BEE DEPT.*



*PARTIAL VIEW  
SEED CLEANING DEPT.*



*CORNER OF OUR OFFICE*



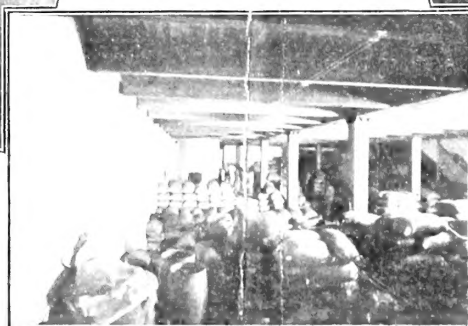
*PARTIAL VIEW  
MAIL ORDER & EXPRESS DEPT.*



*CORNER BULK  
GARDEN SEED DEPT.*



*PARTIAL VIEW  
BULK FIELD SEED DEPT.*



*CORNER  
POULTRY, BEE & FRUIT BOX DEPT.*



# TEXAS SEED & FLORAL CO.

While we exercise the greatest care to have all Seeds, Bulbs and Plants pure, true and reliable, we do not give any warranty, express or implied. If the purchaser does not accept the goods on these terms and conditions they must be returned at once, and the money that has been paid for same will be refunded.

**VERY IMPORTANT**—Please write your name plainly, and give your Postoffice, County and State in full.

Amount Enclosed

P. O. Order \$.....

Express Order \$.....

Drafts . . . \$.....

Cash . . . . \$.....

Postage Stamps \$.....

State on this line whether wanted by Mail, Express or Freight, and name of Express Co. or Railroad.

Total . . \$.....

**Please remember** that all Seeds priced by the single packet, ounce, pound, pint and quart are postpaid, except where noted. If wanted sent by freight or express purchaser paying charges, deduct 10 cents per pound, 8 cents per pint, and 15 cts. per quart from Catalogue prices.

[illegible]

No.

DATE RECEIVED

**AMOUNT**

SHIPPED BY

DATE SHIPPED \_\_\_\_\_

**CHECKED BY**

**Please Use This Sheet for PLANTS ONLY.**

State on above line whether wanted by Mail or Express; if by Express state name of Express Office and Express Company.

[illegible]

**MAKE YOUR ORDERS FOR PLANTS ON THIS SHEET ONLY**

**MAKE YOUR ORDERS FOR PLANTS ON THIS SHEET ONLY**[illegible][illegible]

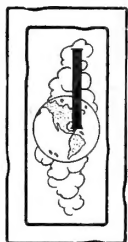
The space below is for remarks about your order.

# TEXAS SEED AND FLORAL COMPANY

R. NICHOLSON, Manager

DALLAS, TEXAS

## To Our Customers and Friends:



It is very gratifying to us and we take great pleasure in this opportunity to again thank our many patrons for their continued confidence in us during the past year.

With the accession of our new four story building (previously announced) equipped with the latest improved facilities for handling a large business, we are able to serve our customers in a more satisfactory manner than we have ever been heretofore.

Our steadily increasing trade demands our most scrutinous attention to detail in the service we render, and we feel justified in soliciting the valued patronage of our many friends with the assurance that their wishes will be cheerfully accomplished to the best of our ability and integrity.

The proof of our continued increasing success rests materially in the fact that it has been our constant endeavor to offer only those seeds which we feel will give entire satisfaction, thus the planter recognizes the indisputable evidence of quality in seeds the Finest that Produce.

With kind regards and best wishes for the New Year, we remain,

Very truly yours,

TEXAS SEED AND FLORAL CO.

## HOW TO SEND MONEY

**Cash should always accompany the order.** Remittance may be made at our risk by either of the following methods: (1st and best) Post office Order, (2) Draft on New York, (3) Express Company's Money Order, (4) Cash by Express in amounts of not less than \$5, (5) Registered Letters.

**No goods sent C. O. D.,** unless cash to the amount of one-fourth of the order accompanies same.

**Seeds by mail.** Sending seeds by mail is a very important branch of our business. We are prepared to fill all orders promptly and correctly the day they are received, in nearly all cases.

**Our Prices.** In comparing our mailing prices, especially on heavy seeds,—such as Peas, Beans and Corn by the quart and pint, and other seeds by the pound and one-fourth pound—you must bear in mind that we pay the postage.

We urge customers to inform us promptly on arrival of their orders, if same are not in good condition, well packed and filled exactly as ordered; also to report, after growth, the result, more especially if anything proves other than was expected.

**Guarantee.** Complaints made that seeds are not good should quite as often be attributed to other causes as to the quality of the seeds. There are hundreds of contingencies continually arising to prevent the best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil, insects of all descriptions destroying the plants as soon as or before they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. For the above reasons it is impracticable to guarantee seeds under all circumstances.

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Again thanking our customers for their kind patronage, and promising to all who favor us with orders our most careful attention.

Yours truly,

TEXAS SEED AND FLORAL CO.

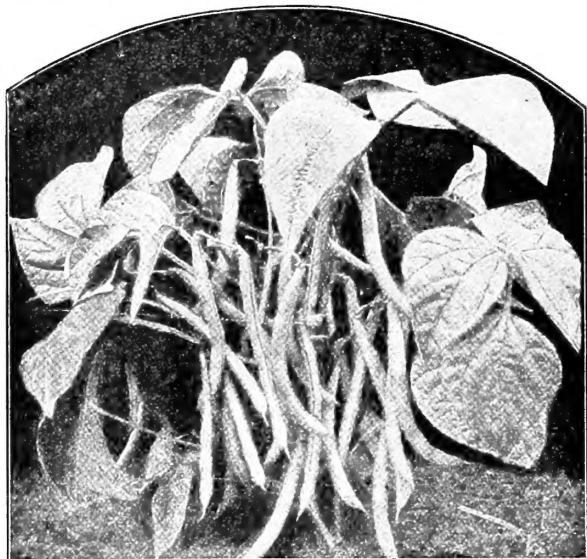
R. Nicholson, Manager



# SPECIALTIES IN VEGETABLE SEEDS.

THE FOLLOWING  
VARIETIES ARE AT-  
TRACTING, AND WILL  
CONTINUE TO ATTRACT  
ATTENTION AMONG  
THOSE WHO ARE INTER-  
ESTED IN SUCCESSFUL  
GARDENING

We recommend these sorts and advise our customers to give them a good trial, feeling that it will be greatly to their interest, as we know from experience what they are



HOPKIN'S IMPROVED ROUND-POD RED VALENTINE BEAN

## Hopkin's Improved Round-Pod Red Valentine Bean

AMERICA'S STANDARD GREEN  
PODDED DWARF SNAP BEAN

Fully 10 days earlier than the old popular Valentine. Often ready for picking in 45 days from planting. Yields prodigiously. Full, round, meaty pods of unsurpassed tenderness and quality.

This grand variety is a great improvement over the original Red Valentine, which it has now entirely supplanted, being fully ten days earlier, often ready to pick in forty-five days from sowing. The healthy, vigorous plants are unusually hardy, withstanding frosts that kill other varieties; it may therefore be planted very early. This, with its quick development, makes it the earliest large-podded variety, and on this account it is extensively grown by truckers over wide sections of the country, though it is equally desirable for home gardens.

It is a big yielder of handsome, long, round, fleshy pods, rich green in color and of unsurpassed tenderness and quality when gathered young, when it is practically stringless. It is the Standard Snap Bean, not only for the earliest but for successive plantings, bearing up to frost. Pkt. 10c, pt. 25, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.25, bus. \$4.50.

## Three Splendid Cabbages

FOLLOWING EACH OTHER, IN SUCCESSION  
FROM EARLIEST SPRING UNTIL WINTER

By obtaining seed of each of the three varieties, a perfect succession of the best flavored and most highly prized Cabbages may be had at all times. We have made a special effort to obtain these valuable sorts, and feel that, in offering them to our customers, we supply a want not heretofore filled.

**NICHOLSON'S EXTRA EARLY.** The most perfect extra-early variety ever offered to the southern gardener. The heads are flat, solid and well blanched; very reliable; of strong, vigorous growth; the flavor is unsurpassed. Where an extra early variety is wanted, you cannot go amiss in trying this. Pkt. 5c, oz. 25c, 1/4 lb. 75c, lb. \$2.50.

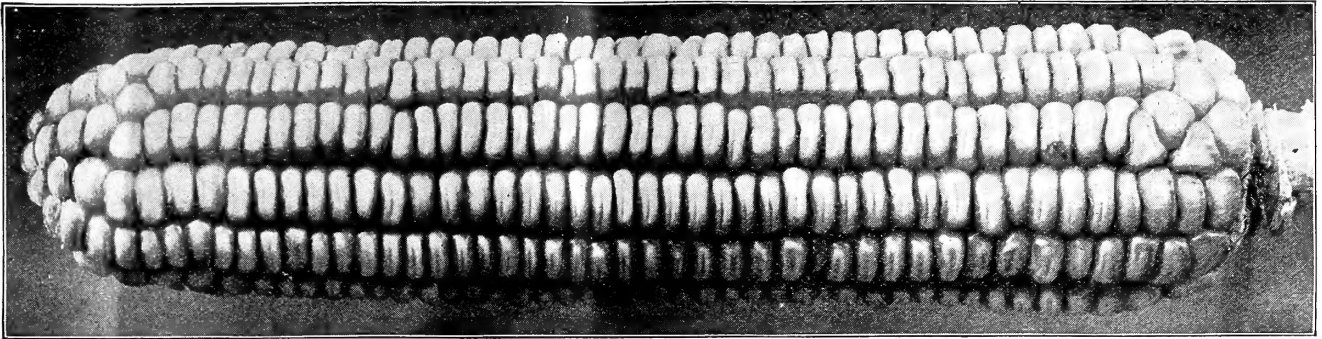
**NICHOLSON'S EARLY WONDER.** In this we offer the best second-early Cabbage it is possible to obtain. It combines all the good qualities of the best, and as a result of close selection we have eliminated all that were bad. It comes in about the same time as Henderson's Early Summer, making a much larger head, uniform and of the best quality, without the tendency to run to seed when sown in the fall, as is the case with so many other sorts. Pkt. 5c, oz. 25c, 1/4 lb. 75c, lb. \$2.50.

**NICHOLSON'S PRIZE-HEAD.** For main or later crops this variety is the best, as it matures just a little earlier than the Late Flat Dutch. It makes enormous, deep, flat heads, of the very finest quality, and is especially suited to the purposes of the market-gardener. Pkt. 5c, oz. 25c, 1/4 lb. 75c, lb. \$2.50.



## Mexican Burning Bush

This we consider one of the most ornamental border or hedge plants which has ever been brought out and it is sure to attract attention. It is known botanically as *Koehia Trichophylla*. It grows quickly from seed sown in open ground. The plants are always globe like form. The plants branch freely, and the stems are clothed with slender light green leaves. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers, the bushy plants resembling balls of fire. The plants are equally showy planted singly to show the round, ball-like form on all sides or grown in continuous rows. Pkt. 10c.



### ***New Corn, Marlboro Prolific***

(See back page of cover.)

The wonderful corn that produces from 3 to 5 ears to the stalk and yields from 75 to 100 bushels per acre. Last year we listed this wonderful corn for the first time and the demand was so great that we were unable to fill the orders. This year we have secured a good supply and hope to fill all orders. Marlboro Prolific Corn is a clear white, with from twelve to sixteen rows to the ear, being a great deal sweeter than the common Corn, which makes it very fine for roasting ears and fine for bread. It matures in about ninety days from planting. It has a very large stalk, growing from one to three ears to the stalk, and from one to two ears to each sucker. The corn puts out suckers from the tap root that make a perfect stalk, with silk and tassel, just the same as the main stalk. It should be planted about the middle of March, as it suckers out better planted early. It has a great deal of roots and a great many feeders, which make it a very strong and hard Corn. It grows from one to six ears to the bunch, ranging from five to twelve inches in length. It has a medium sized cob, which is invariably white. It will produce twice as much as ordinary corn. **Qt. 30c, postpaid; by Express or freight, qt. 15c, 2 qts. 25c, pk. 65c, bus. \$2.25, 5 bus. \$10.50, 10 bus. \$20.**

TEXAS SEED & FLORAL CO., Dallas, Texas.

BROADMOOR STOCK RANCH, Wills Point, Tex., Sept. 4, 1906.

GENTLEMEN:—About April 15th last I procured from you a few bushels of your Marlboro Prolific Corn. About April 20th, I planted ten acres with this corn. It should have been planted at least a month earlier. The result however has proven very satisfactory, and next year I intend to plant a large acreage with this splendid corn. It developed roasting ears between July 15th and 20th. It also developed from 3 to 5 ears per stalk, with from 12 to 16 rows of corn per ear. The corn was white and hard, and the stalks grew from 8 to 12 feet in height. The tap root sent out suckers that developed into stalks with ears on them. I estimate this corn will make from 65 to 80 bushels per acre. I highly recommend this corn to your friends and customers.

Yours truly,

C. E. BROWN.

### ***Laguna Corn***

We give below description and history of this corn as given by Prof. S. A. Knapp of the Department of Agriculture:

"The history of this corn is as follows: Two or three years since I learned that they had a variety of seed corn in the semi-arid section of North Mexico known as the Laguna, which had some remarkable characteristics. In order to get absolutely pure seed, I sent to the American Consul of that district and obtained several bushels of pure bred seed by express, and we have found it to meet a great want in our Southern farming.

"It is a pure white corn of excellent quality and flavor; the ear is medium size, with a husk so closely adhering as to be practically worm and weevil proof. The usual length of the ear is about 18 inches; well developed stalks will generally produce two or more ears. The stalk is rather short, seldom growing more than seven feet high. The roots run deep and spread, so that it is a splendid drought resister. This corn can be planted at any time from the first of April until the tenth of July in Texas and make a good crop. On well cultivated lands, it generally produces from forty to sixty bushels per acre; hence it can be planted after an oat crop, or where other crops have failed, and mature before frost. Its germinating power is great, and consequently will make a stand even in dry weather. There may be other varieties of corn for a standard crop that will equal the Laguna; but for late planting, extreme drought, and especially for poor sandy uplands, we have found it superior to anything we have ever tried. I can guarantee this seed to be absolutely pure."

We would advise all of our customers to give this corn a thorough trial, as we believe it will be a very fine variety for Texas. We only have a limited supply this season, but will fill all orders as long as our supply lasts, so would advise customers to order early if they wish any. Price, 35c per quart, postpaid; by express or freight, purchaser paying charges, quart 20c, 3 quarts 50c, peck \$1, bus \$3.50.

### ***Everbearing Crimson Winter Rhubarb***

A NEW VEGETABLE FRUIT

One of the most valuable products of the garden is Rhubarb, but in all the old varieties there are faults which make its profitable growing for market almost impossible. But, with the introduction by Luther Burbank of this wonderful new Everbearing Crimson Winter Rhubarb, this was changed, and now growers can obtain a variety which, on account of its many good qualities, will yield them a handsome profit under all conditions. Mr. Burbank says of it:

"The great value of Rhubarb as a vegetable has always been its earliness, and a vast amount of time and labor have been spent in efforts to originate a variety which would produce stalks even a day or two in advance of other varieties. The new Crimson Winter Rhubarb will produce marketable stalks abundantly fully six months earlier than any other Rhubarb. The stalks are of medium size, well-grown ones averaging 12 to 18 inches in length and about 1 to 1 1/4 inches in diameter. They are a brilliant crimson color, and are of the very best quality. Crimson Winter Rhubarb starts to grow vigorously by October and continues to produce stalks until after the common varieties make their appearance six months later. It is, in fact, absolutely perpetual. For a constant supply for home use, and for growing in the southern states; for shipping North and East, it promises to become more profitable than anything else which soil produces. Crimson Winter is all that could be desired, as the bulk of the crop comes in at the season when fresh vegetables and fruit are hardly obtainable." It is as easily grown as cabbage, celery or other vegetables, and will grow in the same kinds of soil. It is better grown on level or gently sloping ground. Roots 20c each, \$2.00 per doz. Seed, pkt. 10c, oz. 75c, 1/4 lb. \$2.75.



## Nicholson's Early Big Boll Cotton

This cotton is a big boll, five-lock, storm-proof variety which matures early, has a fine grade of lint and brings the highest market price. It yielded from  $\frac{3}{4}$  to 1 bale per acre the past season. It is a short-jointed, long-stem Cotton. Parties who have grown this variety say it is the best Cotton they have ever grown. About 1900, the originator of this splendid Cotton, while picking, came to a stalk of very fine appearance, showing so many and such large bolls, and seeming to be so different altogether from the other Cotton that he became very much interested. He saved all the seed from that stalk planted it the next year, and found all the Cotton from that stalk showed to be of the same variety. The bolls were large and a perfect storm-proof Cotton. **Our grower, who is growing seeds for us of this variety, says:** "I believe it to be the best Cotton in existence for the farmer, because, first, it is very early and seems to get ahead of insects; second, the boll is very large and has five locks; has long shank, from 2 to 3 inches, causing the boll to turn down and open in that position; third, it has a small seed with long lint, insuring an excellent turnout at gin; fourth, it will not fall out at all, but picks easily. One man began picking for me about the 20th of August and made an average of 400 pounds every day."

We cannot recommend this Cotton too highly. As we shall have only a limited supply of seed, to offer we would advise early orders. **Pk. 40c, bu. \$1.25, 5 bus. \$5.75, 10 bus. \$11.**

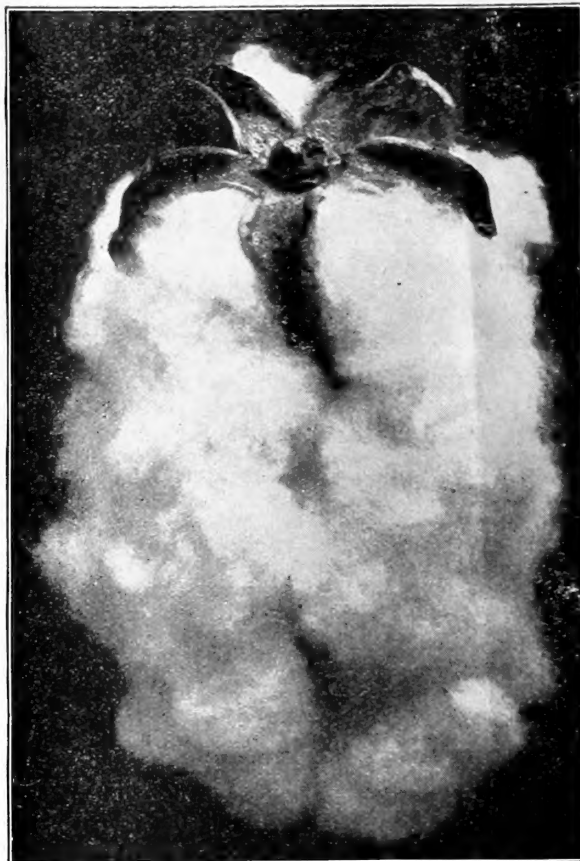
MEXIA, TEXAS, Oct. 28, 1905.

GENTLEMEN:—This will inform you of my success with the Nicholson Cotton Seed purchased of you. I have picked 1386 pounds off three-fourths of an acre, planted April 29, and I am quite sure I shall pick 125 or 130 pounds more. I should have written sooner, but hoped to finish picking before I wrote. Yours truly,  
SALLIE B. FRANKLIN.

CHIEF, TEXAS, Oct. 31, 1905.

GENTLEMEN:—I purchased from you last winter one-half bushel of your Nicholson's Early Big Boll Cotton, which I planted on two acres of land, from which I gathered 1,700 pounds of seed cotton. The land is black sandy land. I am well pleased with it. It was planted late and not worked well. yours truly,

MINOR D. ANDERSON.



NICHOLSON'S EARLY BIG BOLL COTTON

## New Cotton, Mebane's Triumph Big Boll

WE BUY OUR SEED DIRECT FROM THE INTRODUCER

Triumph Cotton has a stout, short-jointed stalk, moderate foliage, large bolls, five locks to the boll. It is a cross between a long-lint and storm-proof Cotton, graded up to where it outstrips all known varieties in lint turnout. It will average 38 per cent lint to the hundred-weight seed cotton. Some made as high as 42 per cent to the 100 pounds seed cotton last season. It is about as early as the King's Improved. It is just as prolific as any other variety. It has all the good qualities—large boll, five locks, long lint, storm-proof and is as early as any other variety. Every farmer in Caldwell county who has tried this Cotton says it is the best Cotton in the South. This Cotton has made the best yield of any big-boll Cotton grown in Texas the past season, and we expect to have an enormous demand for the seed, and therefore advise early orders.

Prof. S. A. Knapp, of the Department of Agriculture, writes us as follows in regard to this Cotton: "This Cotton is supposed to be an accidental cross between the Texas Storm-Proof and Peterkin, and originated in Caldwell County. It is a large-boll, short-jointed, prolific Cotton, especially adapted to black waxy land and prairie lands of any character. Not so well suited to bottom or deep sandy soils. One of its chief merits is the unusually high percentage of lint, running from 38 to 42 per cent. The Department distributed this seed by means of the regular congressional distribution last year in Texas, and, so far as the writer knows, no Cotton ever handled by the Department has excited so much interest and general approbation."

E. H. R. Green, who owns the Government experiment Farm at Terrell, Texas, states that they tested every variety of cotton on the farm last year and the Triumph made the largest yield, averaging one bale per acre.

Prof. S. A. Knapp writes us under date of Nov. 17, 1906 in regard to this Cotton: "We have not yet received our final report from the Green Farm at Terrell, when we do we will send you the result. As a whole, the Mebane or Triumph cotton has proved the most successful with us the past year. On light sandy uplands probably a smaller boll will do better, because it requires good strong land to perfectly develop such a large boll as the Triumph."

Price—pk. 40c, bu. \$1.25, 5 bus. \$5.75, 10 bus. \$11.

PILOT POINT, TEXAS, Dec. 14, 1906.

"My one bushel of Triumph cotton seed made 39 lbs. lint to 100 lbs. seed cotton. It is the finest cotton I have ever seen. One bushel of seed made two bales. My Nicholson's cotton is good. It made 34 lbs. lint to 100 lbs. seed cotton."

(Signed) A. H. KING.

## Long Staple Cotton

We have had so much inquiry for long Staple Cotton that we have secured a small supply. This cotton has been selling at from 15c to 25c per pound. It has been grown principally in the Red River Valley of Texas. We think it will grow in other sections of the state, and we would advise all of our customers to give it a fair trial, as it does not cost any more to cultivate this variety of cotton than it does any other kind. The lint runs  $1\frac{3}{4}$  inches long; it usually runs four to five-locks. As we will only have a limited supply of this seed, we would advise all of our customers who want any to put in their orders early. Price, 50c per peck, \$1.50 per bushel.

## The New Watermelon, Angel Kiss

Last year we did not have one half enough seed to supply the enormous demand for this wonderful melon. We have secured only a fair supply of seed this year on account of our grower having lost his first crop by an overflow. As there will be an enormous demand for this seed this season, we advise early orders before our supply becomes exhausted. While it may



ANGEL KISS WATERMELON

sound extravagant, yet to what else can we compare this superb melon? With flesh of the deepest indescribable crimson, delightfully sweet and refreshing, we feel justified in "dubbing" it Angel Kiss. This most excellent melon was originated in Harris county in 1893; was a cross between the Long Light Icing and Henderson's Green and Gold. By careful selection year after year, we have reached a degree of perfection that we have never seen in any other melon. It grows from medium to very large, very long in shape and nearly white in color, handsome and attractive. The flesh is the sweetest, tenderest and the very deepest crimson we have ever seen in a melon. We do not hesitate to say that it is the very earliest good melon in cultivation. In the latitude of Baylor county we have them ripe in the field before July 1. The vines are robust and strong-growing. They should be planted fully 12 feet each way, often setting fruit before runners are a yard long, and so prolific that you can almost walk across the patch on the melons. In the vicinity of Houston we always had them on the market along with the very earliest Bolivar Point melons. One distinct feature of this melon is that the flesh is a good deep red by the time the seeds are formed in it, often before the melon is really half grown. Seeds are very small and very few in the melon. We have cut melons of this kind frequently weighing from 40 to 60 pounds,

with less than two hundred seeds. Surely no melon could be better. We had samples of this melon shipped us this summer, and must say that they were the best melons we have tasted in a number of years. We consider this to be the best melon for home use that we know of, and feel sure that our customers will also say so after they have tried it. **Pk. 10c, oz. 20c, 1/4lb. 60c, pound \$2.00.**

"Your Angel Kiss Melon is very fine. Will plant nothing else but that kind next season." Yours truly, E. M. Adger.

"Have you got any Angel Kiss watermelon seed from last year? If so, I would like to get some to plant next year. This was the finest melon I ever planted and raised."

BELCHER, LA., 7-29-06.

LA GRANGE, TEXAS, Aug. 10th, 1906.

(Signed) H. L. KREISCHKE.

## Watermelon, Southern Beauty

This melon is bound to be a favorite with both the grower and the consumer, as it is equally fine both in appearance and taste. While it is best adapted for the home trade, its rind is sufficiently tough for shipping purposes. In size it is large to very large, and is of a light or gray color, and is oblong in shape. The flesh is bright red, tender and sweet, and lacks the tough core and hard spots often found in melons that are catalogued as shippers; the seeds are white. **Pkt. 5c, oz. 10c, 1/4lb. 30c, lb. \$1, postpaid.**

CANTON, OKLA., Dec. 13-'06.

"I thought when I read that Texas letter stating that Texas Seeded Ribbon Cane would make 300 to 400 gallons of syrup per acre, that the man who wrote it was talking moonshine, but he did not exaggerate. I made 600 gallons of the best cane syrup I ever tasted from the 20 lbs. of seed purchased of you." T. W. MARTIN.



SOUTHERN BEAUTY WATERMELON

### **Texas Seeded Ribbon Cane** (Sometimes called Gooseneck Cane.)

Last year we sold quite a lot of this seed, which, so far as we have been able to learn, has given our customers the best of satisfaction. The superiority of this cane over sorghum is so great that when once grown, a man never returns to the use of any other cane. The grade of molasses made from it is much superior to that made from sorghum, as every one knows who has used Ribbon Cane Syrup. Another good feature of this cane is the great yield it makes. The stalks grow from 12 to 14 feet high. Cut with the foliage on and run through the mill, it makes the finest kind of silage for cattle and horses. It matures two months earlier than any other Ribbon Cane, being ready to grind the latter part of August, while other Ribbon Cane does not mature before October. The yield of molasses is from 300 to 400 gallons per acre. It will grow anywhere sorghum will grow. In planting, prepare ground, plant and cultivate as for sorghum. Plant in rows 3½ feet apart. Six to eight pounds of seed will plant one acre, if planted by hand; eight to ten pounds if planter is used. We can furnish either the Crookneck or Straight-head variety; in ordering state kind wanted. Lb. 20c, postpaid; by express (purchaser paying charges), lb. 10c, 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.



#### **SOME REFERENCES.**

This is the first season I have planted the Seeded Ribbon Cane. I now have ten acres growing on my place that will average 10 feet high, with stalks as big as my arm. I have never made syrup from it, but am sure that it will make fine syrup. It is the finest cane I have ever seen. It can hardly be distinguished from the regular Ribbon Cane.—Ed. F. LYDAY, Fannin County, Texas, July 20, 1905.

H. H. Smith of Dodd City, Texas, has grown this cane and made syrup from it. He says it is the finest Cane he has ever raised, and makes as fine syrup as he ever ate or saw.

Your Seeded Ribbon Cane is O. K.—LEO STAHMER, Schulenburg, Tex., Sept. 6, '05. Neches, Texas, Sept. 14th, 1906

"I wish to compliment you on the Texas Seeded Ribbon Cane I ordered of you last March, the 17th. I planted it March 31st and began making it up the 9th of August, and finished it August 27th. I planted about three acres with the amount I bought of you for \$2.00, and it made 386 gallons of nice thick, good-bodied, well-flavored molasses away beyond the common sorghum. The Texas Seeded Ribbon Cane is a vigorous grower if put in good land, and easy cultivated. There is but little difference in the molasses of the seeded Ribbon Cane and the non-seeded, more than that the seeded Cane molasses is lighter colored, and it is sweeter than honey. If a man wants a sure crop for molasses, the Texas Seeded Ribbon Cane is the sure crop. I see it will make when all others any more sorghum molasses. I bought and made mill, and I think the toll will very near pay for crop. The people called it the old goose neck, it is the old gander neck, it is the (Signed)

H. W. WILLIAMS.

### **Pepper,—“Neapolitan” Large-Early**

The Earliest of all Large Mild Red Peppers, and the Most Productive. From seed started February 15th and plants set out May 20th, peppers were picked for market on **June 24th**. These first fruits measured **four inches long** and four and a half inches in round circumference; the later fruits are slightly larger. No other large pepper develops so quickly,—by ten days to two weeks.

The strong vigorous plants grow two feet high by eighteen inches across; they are **completely laden** with large handsome fruits and bear continuously until frost. Single plants carry from **thirty-five to fifty marketable fruits** at one time. The skin and flesh are **bright red**; they are **thick-meated**, sweet and “mild as an apple;” they carry well and keep in prime condition a long time. So unusually productive is this variety that twelve plants will furnish an ample supply for a family throughout the season. For market gardeners and pickling establishments it is of incalculable value. Pkt. 10c, oz. 30c, ¼ lb. \$1, lb. \$3.50.

### **New Chinese Giant Pepper**

The Finest, Largest and Mildest Pepper of all, Growing to the Enormous Weight of 18 ounces.

Chinese Giant is certainly a wonder. The plants are of strong, stocky growth, of bushy, erect habit, growing 18 inches to two feet in height, with abundant foliage. The compact plants are very prolific, setting three or four extra large fruits at the base quite early in the season, which ripen while a second crop is setting on the branches. The fruit is quite square in appearance, while the flesh is thick and very mild, being entirely free from any fiery flavor. Pkt. 10c, ½ oz. 20c, oz. 30c, ¼ lb. \$1, lb. \$3.50.

### **White Wonder Onion**

This is the most beautiful white Onion we have ever seen, and is especially adapted to the South. It has a tough, tight, milky white skin, fine shape, and is very solid and a good keeper. Will not turn green unless exposed to the sun for two weeks. We recommend this Onion very highly, feeling sure it will give our customers the best of satisfaction. We also recommend it to be planted in September and October in southwest Texas, the same time the Bermuda Onions are planted. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.85, postpaid.

BEND, TEXAS, Oct. 1, 1906.

“I bought 70 lbs. of Onion Seed from you the past season, planted them on eighteen acres and produced 7,000 bushels of fine onions.” Z. T. MAXWELL.



NEAPOLITAN LARGE-EARLY PEPPER

**"Van Buskirk's Netted Rock" Cantaloupe**

NETTED ROCK CANTALOUPE

Dr. Van Buskirk is now negotiating with one of the leading New York commission houses to grow for them two hundred acres the coming season, in order that they may have a sufficient supply for their fancy trade with the best netted and sweetest cantaloupe ever grown on the American continent. Owing to the Netted Rock strain being the blight and rust resisting strain it is predicted that it will in a short time be grown exclusively in all the cantaloupe growing districts of the United States.—Rocky Ford (Colo.) Enterprise, Sept. 14, 1906.

**Dooley's Triumph Cantaloupe**

"Dooley's Triumph Cantaloupe originated in Wharton County, Texas," our grower says of this cantaloupe. "It is without exception the sweetest cantaloupe grown, and should be in every garden in the South. Almost every person who tastes my triumph cantaloupe goes into ecstasies over its sweet rich flavor and melting flesh. It certainly is, I think, the sweetest and most delicious eating of all cantaloupes or muskmelons. This variety is very distinct and remarkably thoroughbred. Altogether quite superior in eating qualities, very handsome and showy. The vines are exceedingly healthy and vigorous, bearing an enormous quantity of fine fruit. I have known this variety, under favorable culture and season, to bear until quite late in the season. The fruits are deep through and almost round. Skin dark green, ripening to a rich greenish gold color, is fairly well netted with prominent ribs. It is medium early, flesh pale green, very sweet and melting clear to the rind. Size of fruit quite even, weighing  $3\frac{1}{4}$  to  $3\frac{1}{2}$  pounds on the average. This variety has a decided sweet flavor all its own over any other sort. Whenever I go into market with Triumphs, Rocky Fords and all other sorts go almost begging. The leading hotels here will not accept Rocky Fords and other sorts as long as I can furnish them in Triumphs." Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 40c, lb. \$1.25

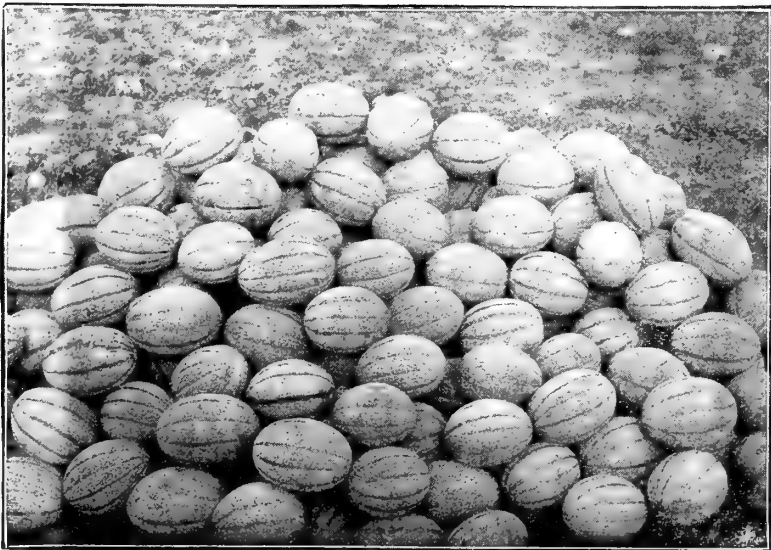
**New Cantaloupe, Burrell's Gem**

This is decidedly a very superior variety of musk melon. For the planter, for home use or for the market-gardener we cannot recommend it too highly. We quote from the originator:

"The melon was a winner from the start. On the Chicago markets they sold for two to three times as much as any other. It has a tough, thin rind, well arched ribs, covered with a closely laced and interlaced gray netting, shape quite elongated, and the blossom end is protected with a well developed button. Meat of a reddish orange, very thick, fine grained and spicy. Seed cavity small and triangular. Average weight about  $2\frac{1}{4}$  pounds, length 6 inches, and thickness  $4\frac{1}{2}$  inches."

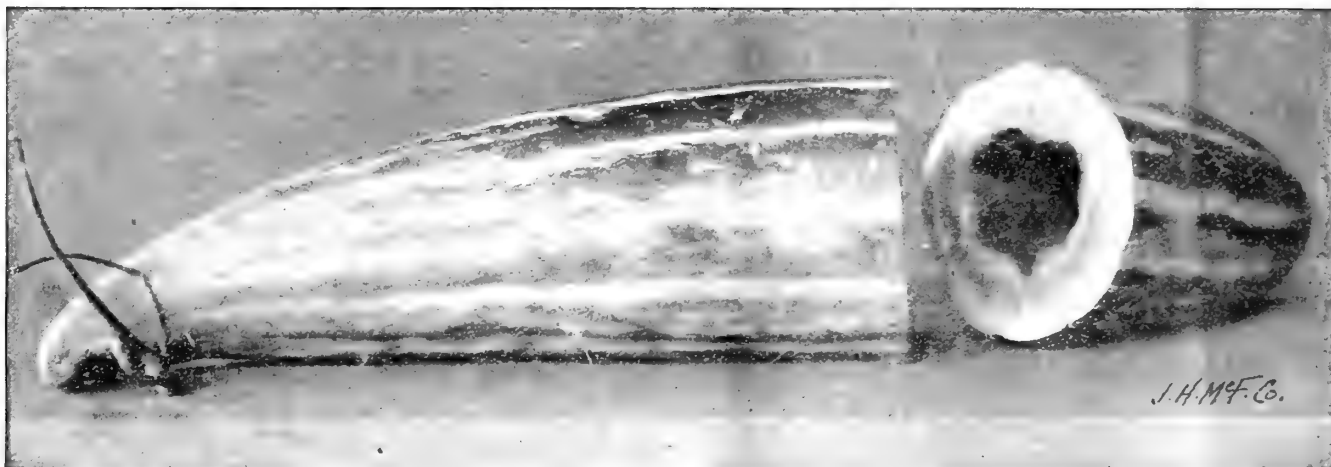
The largest dealers in the North and East speak of this melon as the best seller and most profitable melon on the market today. The demand for these melons is thoroughly established, and the planter who grows them will have the inside chance with the trade. The seed we offer is selected stock of the originator's own growing.

Price, per pkt. 15c, oz. 40c, 2 oz. 75c,  $\frac{1}{4}$ lb. \$1.40,  $\frac{1}{2}$ lb. \$2.60, per lb. \$5.



BURRELL'S GEM CANTALOUPE





### ***Improved Banana Muskmelon***

We give below description of this melon as given us by the grower of our seed. "I secured my original stock-seed of this melon from Mr. Henry Maul, of Philadelphia, and have grown it ever since. Seven or eight years ago I noticed a very fine type of this melon in my field,—very smooth and of somewhat different color, than that of the original, it being a light cheese color, and the flesh, instead of being bright yellow, was what would be called a red or deep salmon, and very sweet and melting. While the rind is very thin and comparatively tough, it withstands the heat better than most any of the Muskmelon family, and bears from four to eight nice melons to the vine, measuring from 18 to 30 inches and even longer. In 1903 I grew a melon on very thin, sandy land, where 500 pounds of seed cotton was considered a fair crop, measuring 34 inches in length and only about 4 inches in diameter. I would advise every one who grows this melon to avoid the use of strong fertilizer or rank manure of any kind, as it will injure the melons and cause them to fire in hot weather. By planting on a sandy loam, well-drained land that is adapted to cantaloupes, one may expect to grow this melon to perfection, that is to color, and at the same time have them in large numbers, from 1½ to 2½ feet long and of the finest quality. I think this melon can very easily be made to attain a length of 3 feet and over, and at the same time be of extra quality, where properly cared for. I think, also, that it will bear shipment as well as any cantaloupe when gathered at the proper stage. By all means, any family that likes Muskmelons or cantaloupes should not fail to plant it."

Mr. McDaniel writes us further, under date of August 7, that he sold in the little town of Hughes Springs, last Saturday, August 5, 150 Banana Muskmelons at from 5 to 10 cents each, and that people would buy them in preference to Rocky Ford or other kinds of melons that were on the market at the same time.

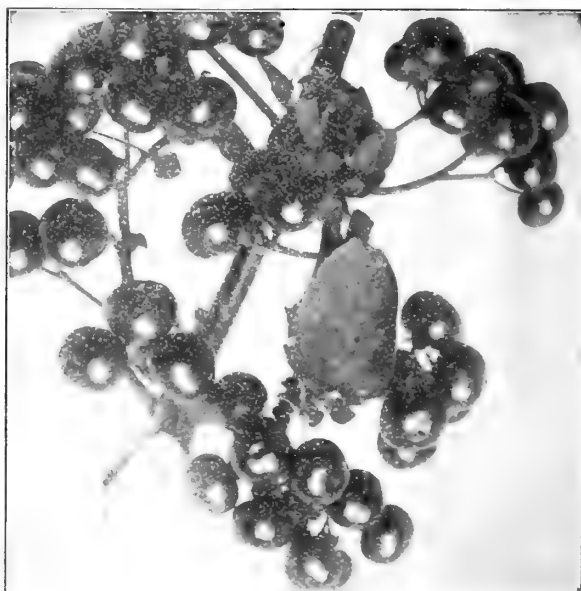
Mr. Alvin Glass, of Hughes Springs, Texas buys these melons from Mr. McDaniel and says that he "never ate a melon in his life to equal them."

We had one of these melons sent us by express this summer, which arrived in perfect condition, and we found it to be of very fine quality, and would strongly recommend all of our customers planting a few. Pkt. 5c, oz. 20c, ¼lb. 50c, lb. \$1.85, postpaid.

### ***The "Garden Huckleberry"***

A new fruit for cooking only. The most desirable introduction for many years. Four times as large as the common Huckleberry. Splendid for pies, jams, etc. Wonderfully productive. After the first picking, more than 1300 berries were on the vine when this photograph was made. A beautiful plant for rockeries and to obscure small unsightly things such as stumps and rocks. Fruits from July until November. Stands both heat and drought astonishingly. Never fails to bear large crops whether the season is wet or dry, provided it is kept well cultivated. Fruits from the ground to the tips of the limbs and continues to bloom and fruit until frost. When the berries are blue-black and soft to the touch they are ripe and ready for use. They cannot be used before cooking. In preserving, proceed exactly as you would with other fruit, using sugar freely or in limited quantity, according to taste. The cooking process develops a flavor so like the bush Huckleberry that we call it the "Garden Huckleberry." After light frost has fallen, vines may be pulled up and put away for remaining fruit to ripen. It never rots. Can be left on the vines several weeks after maturing without rotting. If in a busy time, don't be uneasy. It will wait while you do something else and generally be the better for it, as too many people try to use before ripe enough. Plant seed exactly as you would tomato seed. Cultivation is the same as the tomato in every respect, except that it does not require staking. When safe from frost, plant four feet apart in the row, having rows six feet apart. Cultivate the soil very finely, endeavoring to have a dust mulch 3 inches deep.

When the vines meet, the richer the land the better. Unlike the tomato, rich land makes it set more fruit. If thoroughly and continually cultivated, plants set 4 feet by 6 feet, it will cover the ground so completely by September that it will be difficult to pass through them without trampling the fruit. Enough seed in a packet to raise 5 bushels. Pkt. 10c, 3 for 25c, postpaid.



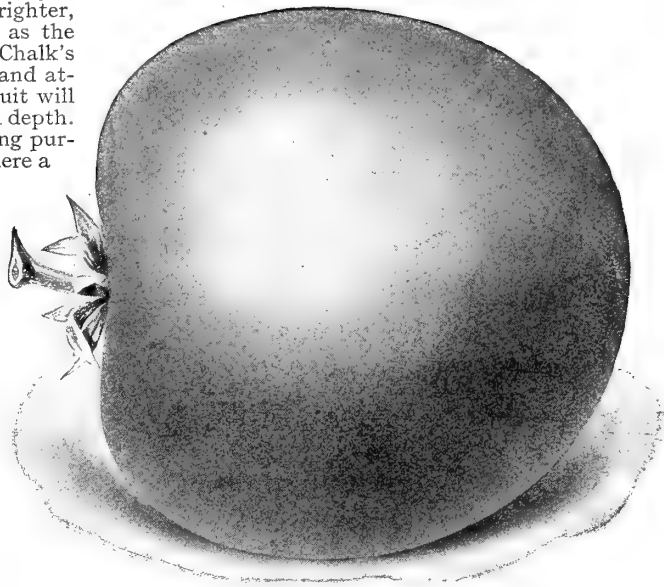
THE GARDEN HUCKLEBERRY



## June Pink Tomato

Another Great Money-Maker in a Distinct Class

**DESCRIPTION.**—The June Pink Tomato in habit and growth is similar to the Earliana. The plant is neat and compact, branching freely, with fruit hanging in clusters of six to ten fruits both in the crown and at the forks of the branches. Under exactly the same conditions as given Spark's Earliana and Chalk's Jewel, the June Pink yielded as much fruit as either, and the vines after the crop had been harvested were greener and brighter, and showed no tendency to blight. It ripens fully as early as the Sparks' Earliana and quite ten days to two weeks ahead of Chalk's Early Jewel. The fruit is of medium-size, uniform, smooth, and attractively shaped, without cracks or any green core. The fruit will average  $2\frac{3}{4}$  to 3 inches in diameter, and from 2 to  $2\frac{1}{2}$  inches in depth. The skin is reasonably tough so that it is excellent for shipping purposes. In color it is a bright pleasing pink, and in markets where a pink tomato is desired will bring 25 per cent. more in price than any red variety. It has the further quality, making it especially desirable for private use, of continuing to bear and ripen fruit up until frost. In offering the June Pink Tomato, we do so with every confidence that it will at once take the unique position in pink varieties which the Earliana now holds over the whole country in the red sorts. Pkt. 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.40, lb. \$5.



JUNE PINK TOMATO

## New Tomato, Livingston's Globe

This is another new variety originating with the Livingstons, of Tomato fame. This fact of itself should warrant any one in giving it a trial. In shape it is notably distinct from all others, being a beautiful globe, with quite a goodly percentage of elongated (stem to blossom) fruits. A remarkably good keeper; especially adapted to slicing or eating from the hand, as the flavor is very delicate and agreeable. A good general cropper and will be found well fitted for greenhouse growing or for real early crop on stakes or trellis. The type is well established, any important variation being difficult to detect. Every grower of Livingston's New Globe will find in it a strictly new variety and one of great practical value. Those who grow tomatoes to sell will be pleased, as the beautiful and attractive globe-shaped glossy red fruits will sell readily at the top prices. Pkt. 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.

## Chalk's Early Jewel Tomato

This is a very productive variety, ripens nearly as early as Sparks' Earliana, but is much more desirable for home use, as the fruits are thicker through and more solid. The plants are of healthy growth and the tomatoes are borne in large clusters. Color bright scarlet and good quality, being sweet and free from acid taste. A very important feature is that the Tomatoes are not watery, as is often the case with early varieties. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.



LIVINGSTON'S DWARF STONE TOMATO

## Livingston's Dwarf Stone Tomato

THE LARGEST DWARF IN EXISTENCE, DOUBLE THE SIZE OF DWARF CHAMPION

This is another splendid new variety from Livingston, the Tomato man. In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color and shape, and, what is more remarkable for an erect sort, it is practically the same size. Ten fruits picked from one vine at same time weighed five pounds and three ounces; five fruits selected by eye from average size weighed two pounds and nine ounces; this was under field cultivation on farm land with no fertilizer. Specimens weighing one pound each are quite common. The New Dwarf Stone is fully double the size of Dwarf Champion, and yet equally as early. It is prolific, and consequently vastly more productive. The strong, upright habit of growth of Livingston's New Dwarf Stone admits of very close planting, at least half closer each way than the distance required for the ordinary vining varieties. In small gardens the plants may be set 18x24 inches apart each way, and yet produce an abundant crop. The shape of the fruit is perfect, with a good skin which is free from cracks about the stem end. It is very solid, ripens very evenly, and is of most excellent quality. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.

## The New Cantaloupe, "Pollock" or "Eden Gem"

This new cantaloupe is the result of a number of years careful selection by one of the Rocky Ford growers. The melons are less tapering at the end than the original Rocky Ford and are solid netting, netting covering space between the ribs. Ribs are very slight, netting closely laced and well developed. The color and quality of the meat is practically the same as the original Rocky Ford melon. The vines are very hardy growers and are less liable to rust than most other varieties, being so near rust proof as to be called rust proof by some. This melon is an excellent shipper. The ripening season is about ten days earlier than the original Rocky Ford. We consider this to be the finest cantaloupe we have offered in a number of years and feel sure it will give all of our patrons the best of satisfaction. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

## Burrell's Thoroughbred Rocky Ford Cantaloupe

This seed is the finest possible selection. Every melon is passed upon for the points which make an ideal melon. (1) They must be of proper size and weight. (2) Netting light grey, and closely laced. (3) Blossom end well protected by a button. (4) Ten distinct ribs of equal width. (5) No netting across the space between the ribs. (6) Space between the ribs well defined from stem to blossom button, but not wide so as to weaken the melon. (7) Flesh light green. (8) Flesh deep, leaving a small seed cavity. (9) Flesh fine grained and firm. (10) Each melon a first-class shipper in every way. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.35.

# STANDARD VARIETIES



Grown Especially to Suit the Climate  
and Soil of Texas and Adjoining States

## For MARKET and HOME GARDENS

**ALL STANDARD VARIETIES and NOVELTIES OF MERIT** that have been tested and found to possess real value are contained in this catalogue. We are very careful to exclude the endless number of sorts out of date and not to recommend those of doubtful value. We do not employ the practice of bringing out **old varieties under new names**; in this way we annually save our customers much money and time, to say nothing of the disappointment and inconvenience of being without a good garden at the proper time. General instructions given will not apply equally to all sections, as allowance must be made for difference in latitude.

**WHEN TO ORDER.** We strongly advise our customers to send in their orders immediately upon receipt of our Catalogue, as they will then have the seeds on hand when they need them, and avoid the unnecessary delay often caused by the rush of the busy season; besides, it sometimes happens that there is an unusual demand for certain varieties the stock of which when exhausted cannot be replaced.

### TRANSPORTATION—Read Carefully

**BY MAIL.** We pay the postage on all vegetable and flower seeds in this Catalogue when ordered by the packet, ounce, quarter-pound, pound, pint or quart, unless otherwise noted. We guarantee safe delivery by mail, postpaid. If wanted shipped by express or freight, at your expense, deduct 10 cents per pound, 8 cents per pint, 15 cents per quart, from prices given in Catalogue.

**BY EXPRESS OR FREIGHT.** Large quantities can be sent cheaply in this way. Pecks, bushels and barrel lots will be sent at purchaser's expense. When ordering, please state shipping instructions in full, and use order sheet sent with this Catalogue. Half pounds supplied at pound rates, half bushels at bushel rates.

### MOST LIBERAL PREMIUMS

**25 CENTS' WORTH OF SEEDS EXTRA** is allowed on each one dollar, sent us for seeds in packets and ounces. Thus, any one sending us \$1 may select seeds in packets and ounces to the value of \$1.25; for \$2, to the value of \$2.50; for \$3, to the value of \$3.75; for \$4, seeds in packets and ounces to the value of \$5, and so on; or, in other words, we give you a **discount of twenty per cent** on our prices by the **PACKET and OUNCE**. To illustrate—should an order amounting to \$3 contain \$2 worth of seeds in packets and ounces, you are entitled to **deduct twenty per cent** or one-fifth on these, which would be 40 cents, and you would therefore send us \$2.60 net; while should the entire order be composed of packets and ounces, you would deduct 60 cents, remitting only \$2.40 net. This discount does not apply on larger quantities.

**MARKET-GARDENERS**, or other large planters requiring larger quantities of seeds than is usually needed for a family garden, are invited to write for our **special price list**, issued to them only. This list will not be sent to private gardeners, even if applied for, being intended only for those who grow for market. When writing, please state whether you are a market-gardener or a dealer in seeds.

**LOWEST MARKET PRICES** quoted, at any time, on best grades of seeds.

## ASPARAGUS

An Asparagus bed, once properly made and planted, will last for years. Plenty of fertilizer should be well trenched to a depth of 2 feet or more. The roots should be planted as early in the spring as the ground can be prepared, setting them 1 foot apart in rows, 2, 2½ or 3 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce 300 plants. Fair crops may be expected the third year from seed.



**PALMETTO.** Early; stalks fine in size and quality, even and regular in growth. Pkt. 5c, oz. 10c, ¼ lb 20c, lb 60c.

**COLOSSAL.** Very large, deep green, tender stalks of good flavor. Pkt. 5c, oz. 10c, ¼ lb 20c, lb 50c.

**COLUMBIAN MAMMOTH WHITE.** Eighty to ninety per cent of the stalks are pure white, and remain colorless as long as they are fit for use; strong and productive as other sorts. Pkt. 5c, oz. 10c, ¼ lb 25c, lb 75c.

## ASPARAGUS ROOTS

**PALMETTO and COLOSSAL.** Two-year-old roots. 25c per doz., postpaid; by express, 75c per 100, \$6.50 per 1000.

**COLUMBIAN MAMMOTH WHITE.** Two-year-old roots. 25c per doz., postpaid; by express, \$1 per 100, \$7.50 per 1000.

## ARTICHOKE

Sow early in spring and transplant the following spring to permanent beds in rows or hills 3 feet apart.

**LARGE GREEN GLOBE.** Pkt. 10 cts., oz. 35 cts.

**JERUSALEM.** This is entirely distinct from the Globe Artichoke, and is propagated by and for its tubers, which are used for pickling and for feeding stock. They yield about 300 bushels per acre. Pk. 50c, bus. \$1.50; 3 lbs., by mail, postpaid, 50 cts.

**FIRST-CLASS SEEDS AT REASONABLE PRICES.** We do not attempt to sell seeds at the lowest prices, but we do endeavor to supply the best seeds obtainable as low as first-class seeds can be sold.

# BEANS, DWARF OR BUSH

(Habas o Frijonenano.—SPANISH.)

Beans are tender, and should not be planted until all danger from frost is past. No time is gained by planting before the ground becomes warm. Plant in drills 3 or 4 inches apart, or in hills 1½ feet apart in the row, and rows 3 feet apart. Hoe often, but never when wet with dew or rain.

One quart will plant 100 feet of drill; 2 bushels to the acre in drills.

**PACKETS OF ALL VARIETIES OF BEANS, 10 CENTS EACH, POSTPAID.** Packets of Beans put up to sell at 5 cents postpaid, contain too small a quantity. We therefore put up liberal-sized packets at 10 cents, postpaid, preferring to please rather than disappoint customers. Our Pint and Quart Prices Include Postage.

## GREEN-PODDED BEANS

**NEW BUSH BEAN, THE LONGFELLOW.** Remarkably early, exceedingly prolific, long green pods, always solid, tender and of delicious flavor. This extra-early variety, although comparatively new, has been pretty widely distributed, and we have yet to hear anything but praise about its fine quality and other merits; it is, in fact, an ideal Snap Bean, a prolific producer of perfectly round, straight, solid, fleshy pods averaging 6½ inches long, wonderfully tender and brittle, without a trace of tough interlining, and having no string when broken, excepting when the pods are quite old. The flavor is most delicious, captivating the most critical, while the delicate green color of the pods is retained after cooking, adding to its attraction when served. The plants are of robust, compact habit, unexcelled in bearing qualities, maturing the crop very regularly. The pods are fit to pick four days in advance of any other variety of approximate size and merit. Pkt. 10c, pt. 25c, qt. 45c, postpaid; by freight or express, pt. 15c, qt. 30c, pk. \$1.50.

**BOUNTIFUL.** An extra-early green Snap Bean of fine table qualities, and we recommend this variety very strongly as an extra-early green-podded Bush Bean, to come in at the same time as the Six Weeks or Mohawk. The plant is of remarkably handsome and swift growth, and is practically rust proof. It is very hardy, extremely early, very prolific, and bears continuously for several weeks. The pods are of large size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality, and have a delicious flavor exclusively their own. Desirable both for home use and market. Pkt. 10c, pt. 25c, qt. 45c, Postpaid; by freight or express, qt. 25c, pk. \$1.75.

**BLACK VALENTINE.** Long, round, solid, green pods, black seed, very fine. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, qt. 25c, pk. \$1.75.

**GIANT STRINGLESS GREEN-POD.** The round-pod Valentine Bean has long been one of the most popular with market-gardeners. This distinct new cross-bred variety possesses all the merits of the old favorite, which is one of its parents, and having, in addition, the following points, which enhance its value. It is ready for market, with a more prolific crop of pods, a week earlier. The pods are one-third larger, averaging 5 to 6 inches in length. Absolutely stringless, unusually crisp, round, full and fleshy. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

**EARLY YELLOW SIX WEEKS.** The pods are flat, 6 inches long, ½ inch wide; light green in color, very little flesh which soon becomes tough and stringy; should be gathered young. Pkt. 10c, pt. 20c, qt. 35c, postpaid; by express or freight, qt. 20c, pk. \$1.25.

**ROUND YELLOW SIX WEEKS.** An improved strain of the above, having quite fleshy pods, which are brittle, tender and nearly free from strings. It is equally early, of fine flavor, and very productive. Pkt. 10c, pt. 20c, qt. 35c, postpaid; by freight or express, qt. 20c, pk. \$1.25.

**REFUGEE, or 1,000 to 1.** True bush growth, 15 inches in height, branching freely. The pods are nearly round, pale green, 5 inches long, tapering to a slender point; quite solidly fleshy, brittle and mild in flavor, but with slight strings. Rather later than the other green-podded sorts, but extremely prolific. Pkt. 10c, pt. 20c, qt. 35c, postpaid; by freight or express, qt. 20c, pk. \$1.25.

**EXTRA-EARLY ROUND-POD VALENTINE.** Our strain of this popular and excellent variety is a great improvement on the Early Red Valentine, which we long ago discarded. It is much earlier, pods being ready to pick, under favorable conditions, in 45 days from germination. One of the most profitable sorts for private use or market. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, qt. 20c, pk. \$1.25, bu. \$4.50.

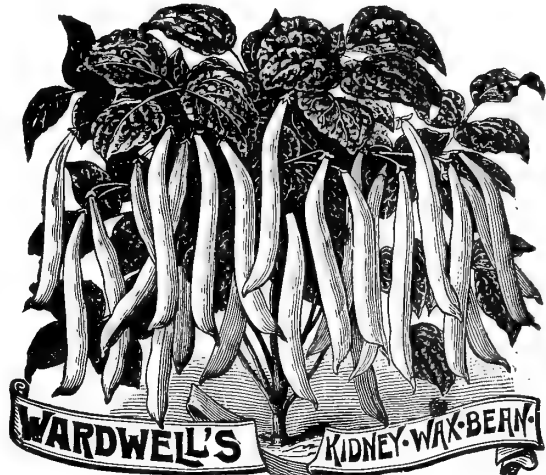
**BURPEE'S STRINGLESS.** Pods are absolutely stringless and of a beautiful fleshy appearance. Ready to market two weeks earlier than the best stock of Improved Extra-Early Red Valentine. Burpee's Stringless Green Pod is of immense value, not only to the market-gardener and canner, who plant for profit, but also to the amateur, who seeks finest quality for the home table. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

## DWARF WAX OR YELLOW-PODDED

**GOLDEN.** Vines hardy, productive, early; pods long, straight, very fleshy waxlike, of best quality; beans oval, white, shaded with purplish red when dry. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

**WARDWELL KIDNEY.** Excellent early variety. Pods creamy yellow, long, broad, flat, brittle, stringless; beans kidney-shaped, white shaded brown very productive. Quite extensively grown in Southern Texas for shipping to distant markets. Pkt. 10c, pt. 25c, qt. 45c, postpaid; by freight or express, pt. 20c, qt. 30c, pk. \$1.75.

**DWARF GERMAN BLACK.** An improved strain of early Black Wax, having longer, whiter, fleshier pods, and being more productive; pods are round, waxy, yellow, solid and tender. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.



**CURRIE'S RUST-PROOF WAX.** It is one of the earliest of the wax varieties. Vines strong, robust, and growing very upright, holding the pods well up off the ground. Pods long and almost straight, rather flat and of a beautiful golden yellow color and of fairly good quality. It is growing in favor with the truckers for shipment to the North during the spring months. We recommend it only as a market-gardener's variety on account of its earliness, color and shipping qualities. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

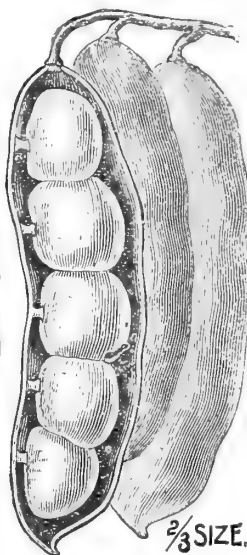
**IMPROVED GOLDEN (Rust-Proof).** An improvement on the Golden Wax, being entirely rust-proof, and standing drought remarkably well. Pods long, nearly straight, broad, flat; golden yellow, fleshy and waxlike; of the highest quality. Its rust-proof quality makes it one of the most valuable varieties. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.



## DWARF WAX or YELLOW-PODDED BEANS--Continued.

**DAVIS WAX.** All of the pods are very long, white, straight and handsome. The vine is rustless and very vigorous. When young, the pods are very brittle, crisp and tender. The dry beans are kidney-shaped, clear white, and excellent for baking. Of greatest value for either the market, or the home garden. The length, perfect shape and fine color of the pods, and the clear white seed, make this one of the best for canners. It is just what they want, a long, straight, clear white pod, which does not discolor in canning, and keeps its beautiful waxy tint. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

**CHALLENGE DWARF BLACK.** This excellent new Bean proved to be one of the very best in our trials last year. It gives a full picking of well-matured pods earlier than any other Wax Bean. Nothing is better for a first-early crop, and planting for autumn use after a crop of early peas. A very profitable variety. Pkt. 10c, pt. 25c, qt. 45c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.



## DWARF LIMA BEANS

**WOOD'S PROLIFIC BUSH LIMA.** An Improved Henderson's Bush Lima. Earlier than the Burpee's Bush Lima, but somewhat smaller in size of bean. Making a larger growth than others; stems are loaded down with beans in great clusters. Pkt. 10c, pt. 25c, qt. 45c, postpaid; by freight or express, pt. 20c, qt. 30c, pk. \$2.

**HENDERSON'S DWARF.** This variety gives fine results in the South. It grows in compact bush form and produces large crops, like the pole varieties it continues to bear until killed by frost. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

**BURPEE'S BUSH LIMA.** Comes absolutely true from seed. The bushes grow 18 to 20 inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush from 2 to 3 feet in diameter. It is an immense yielder, the handsome large pods being well filled with very large beans, identical in size and luscious flavor with the well-known large Pole Limas. Pkt. 10c, pt. 25c, qt. 45c, postpaid; by express or freight, qt. 30c. 2 qts. for 55c, 4 qts. for \$1, pk. \$1.85. 1/2 bu. \$3.50, bu. \$7.

## POLE LIMA BEANS

**KING OF THE GARDEN.** An improvement on the Large Lima, with larger pods and beans and more productive habit. When not too closely planted, the vines set beans early and bear continuously until frost. Only two vines should be allowed to a hill. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

**SMALL WHITE LIMA, CAROLINA, or SIEVA.** Vines vigorous, with many short branches, so that they are sometimes grown without poles; very early and productive, with small, smooth, dark green leaves and small, yellowish white blossoms; pods short, curved, thin, flat; the beans are white, small and kidney-shaped. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

## Pole, or Running Beans

PACKETS OF ALL VARIETIES 10 CENTS, POSTPAID.

Pole Beans are not so hardy as the Bush sorts and should be planted several weeks later, when danger from frost is over.

**KENTUCKY WONDER WAX.** The greatest Wax Pole Bean ever introduced. The merits of the old Kentucky Wonder Pole Bean are well known. We now introduce a variety having superb qualities except that it is of a beautiful transparent yellow color. In saying that this Bean is even more prolific than its green-podded namesake, we do not overstep the bounds of truth. It commences to bear when scarcely higher than the average bush variety and keeps on producing until killed by frost. In some comparatively frostless districts it has continued in bearing from June to December. It is a rampant grower, plant filling a pole with a mass of vines densely loaded with luscious beans, almost a solid mass of pods from bottom to top. They are solidly meaty, entirely stringless, and, when cooked, are deliciously rich and buttery. The seed closely resembles that of Kentucky Wonder. Pkt. 10c, pt. 30c, qt. 45c, postpaid; by freight or express, pt. 20c, qt. 30c, pk. \$2.

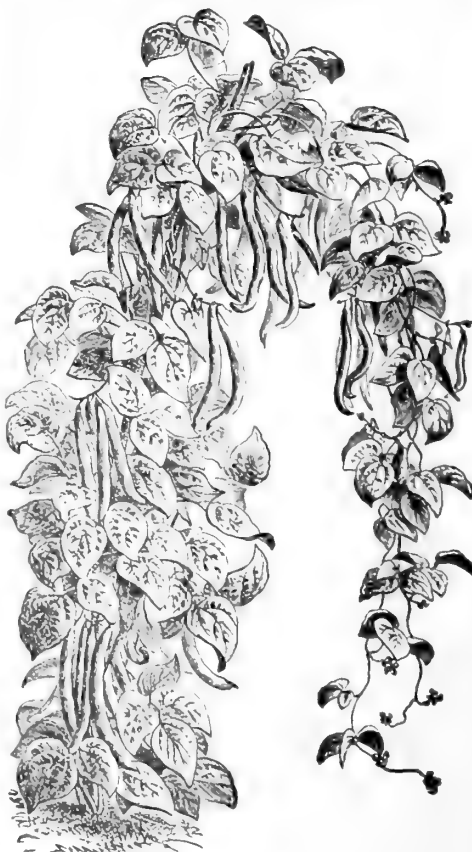
**LAZY WIFE.** The pods are produced in great abundance, and measure from 4 1/4 to 6 inches in length; they are broad, thick, very fleshy and entirely stringless, retaining their rich, tender and stringless quality until nearly ripe; unsurpassed at all stages. Each pod contains 6 to 8 round white beans, which make excellent winter shell beans. They are late to mature, but are valuable to extend the season. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

**GOLDEN CARMINE.** In this new strain we have a wonderfully robust grower, a week or ten days earlier than Worcester Horticultural Pole. In comparison the pods are equally large, stringless, bright golden color when very young. As the pods approach full size they are mottled and streaked with an unusually bright carmine color on the bright golden, which gives the pods, when ready for market, a strikingly beautiful and attractive appearance. This, together with its productiveness, will make it the most desirable strain of this well-known and popular Bean. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$2.

**KENTUCKY WONDER.** The constantly increasing demand for this variety proves that it is one of the best pole Beans on our list. Vines vigorous, climbing well, very productive, bearing its pods in large clusters; blossoms white, pods green, very long, often reaching 9 or 10 inches; nearly round when young, and very crisp. Dry beans long, oval. An early and very prolific sort, with showy pods, which are excellent for snaps. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.50.

**WHITE CREASEBACK.** Especially valuable for its extreme earliness and its habit of perfecting all its pods at the same time. Vines small to medium, vigorous, wonderfully productive in good soil, bearing pods in clusters of from 4 to 12. Pods of best quality as snaps; stands shipping better than most sorts. Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.50.

**CUT SHORT, or CORNFIELD.** Has red speckled beans; snaps resemble Bush Valentine in appearance; Pkt. 10c, pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.50.



KENTUCKY WONDER WAX BEAN



# BEETS

(Aceloga Remolache—SPANISH.)

The soil best adapted to the beet is a deep and light, rich, sandy loam. For very early crops, the seed of Crosby's or Eclipse is sown in hotbeds, and the seedlings are transplanted to the open ground as soon as it is warm enough. For main-crop or early beets the seed is sown outside as soon as the soil is in good condition, in drills 12 to 15 inches apart, and covered about an inch deep; the plants are thinned to stand 4 to 5 inches apart in the rows. For winter crops sow seed in June, in drills, as for early beets. For this purpose the Improved Long Dark Blood is the best variety.

• An ounce of seed will sow 50 feet of drill; 5 to 6 pounds an acre.

**DETROIT DARK RED TURNIP.** Long experience has shown this variety to be the best deep red turnip Beet, not only for market-gardeners, but for the home garden. Its small, upright-growing tops, early maturing, and the splendid shape and color of the roots, make it popular with every one who plants it. Tops small, upright-growing, so that the rows may be close together; roots globular or oval; peculiarly smooth; skin dark blood-red; flesh bright red, zoned with a lighter shade; very crisp, tender and sweet, remaining so for a long time. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**DIREGO BLOOD TURNIP.** An early, rapid-growing variety, which is very popular with our market-gardeners and is used a great deal for shipping. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**EARLY BASSANO.** Very sweet, light-colored flesh; fine form. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**CROSBY IMPROVED EGYPTIAN.** An improvement on Egyptian; its roots are thicker, ready for use earlier, smoother and of better shape. Fine-grained, sweet and tender. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**EGYPTIAN.** An early sort; can be planted very close. Of medium size; dark crimson. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

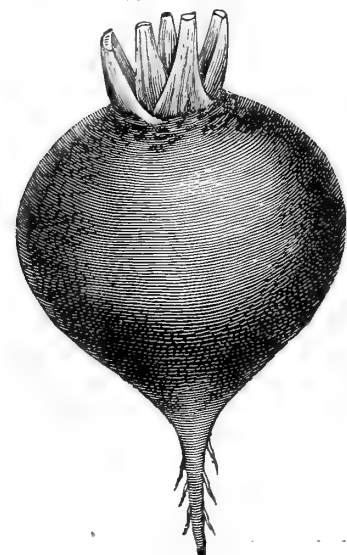
**EARLY BLOOD TURNIP.** Early; of rapid growth, with small tops. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**DEWING'S BLOOD TURNIP.** One of the best main-crop and late sorts. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**ECLIPSE.** Roots globe-shaped, deep red, with sweet, fine-grained flesh, which remains tender a long time. Very early, of quick growth. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**HALF LONG BLOOD.** Another favorite for late use. Especially fine for fall planting. It is intermediate in length between the Improved Blood Turnip Beet and the Long Smooth. In color it is a deep blood red, smooth and free from stringy roots. In quality it is tender and sweet, and remains in good condition for several weeks after maturity. You will be pleased with it. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 55c.

**IMPROVED LONG DARK BLOOD.** Good keeper; excellent for winter use; flesh firm, juicy, tender. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.



CRIMSON GLOBE

Electric as the best extra early table Beet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60.

**CRIMSON GLOBE.** A money-maker for the gardener and unequalled for the table. An extremely handsome early or main-crop variety, of medium size, almost globe-shaped, and entirely free from rootlets, leaving the skin entirely smooth. The roots average 10 inches in circumference, the foliage is small and of a rich bronzy purple. The flesh is a rich blood red slightly zoned and of the finest quality, always sweet and tender, never stringy. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c.

**ELECTRIC BLOOD TURNIP.** An ideal table Beet, fine-grained, rich red flesh, exceedingly tender, remarkably early. The Electric is the finest Extra Early Beet grown, coming in with the small, flat Egyptian, but Electric is much larger and of almost globular form. It runs remarkably uniform in shape and size, with smooth dark red skin, slender leaves, closely set in the center. The flesh is fine-grained and tender, and of delicious flavor; color rich red, ringed with dark crimson. The roots remain in fine condition a long time after maturity. We highly recommend it.

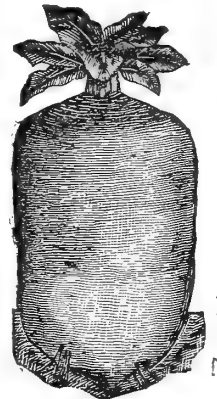
## MANGEL-WURZEL BEETS FOR FEEDING STOCK

The immense value of the Mangel for stock feeding is no longer questionable. Our experience the past season, in attempting to supply all demands made upon us for seeds, convinces us that those once planting continue to do so each year, only on a much larger scale. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost, and yield immense crops per acre. If the soil is rich—you can hardly get it too rich—they make a heavy growth, and the rows should be at least 2 feet apart. If large quantities are grown, it is best to have the rows wide enough apart to use horse cultivator.

Five or six pounds of seed will sow an acre.

**GIANT FEEDING SUGAR BEET, or HALF SUGAR MANGEL.** The investigations of scientific men and the experience of practical stock feeders have established that a ration of some appetizing green food is of such great

importance as to be practically essential to the profitable winter feeding of stock. Of these Mangel-Wurzel is popular because of the immense yield, but is not fully satisfactory because of the low nutritive value. By the same system of careful selection and breeding which has accomplished so much with the Sugar Beet, there has been established in the Giant Feeding Sugar a strain of beets which, while giving nearly as large a yield of easily grown and harvested roots as a crop of Mangels, supplies a food of very much higher nutritive value, the roots for feeding purposes being really more valuable, pound for pound, than those of the very best strains of Sugar Beet, and the yield under equally favorable conditions being more than double. The roots grow partly out of the ground, and because of this and their shape the crop can be harvested and stored at less expense than any other root crop. We are certain that every one who plants this variety and grows it with care will be much pleased with the crop. Every farmer should try it. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c. By express, lb 25c., 10lbs. \$2.



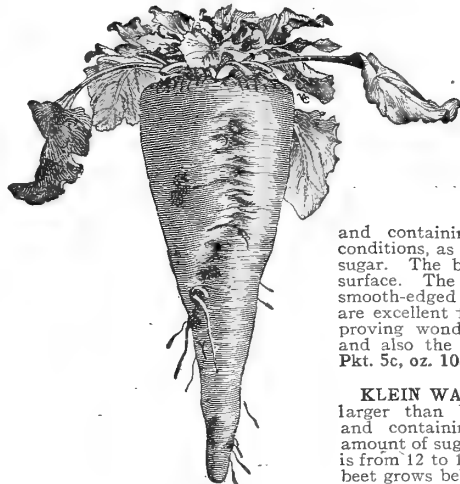
**GOLDEN TANKARD.** The best yellow Mangel in cultivation. Flesh yellow, tops small, necks very small, roots large. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c; by express, lb. 25c, 10 lbs. \$2.

**MAMMOTH LONG RED.** Also called Norbitan Giant and Carter's Prize. A large, well-formed variety of blood-red color; exceedingly nutritious; makes larger roots than any other sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c; by express, lb. 25c, 10 lbs. \$2.

Please quote Mangel-Wurzel and Sugar Beets. From seed I bought from you last spring, I raised about ten tons per acre, some of the Mangels weighing 12 pounds each. My show herd that were shown so successfully at St. Louis were fed liberally Mangels all during fitting for show. —DAVID HARRELL, Breeder of short-horn cattle, Berkshire swine Angora goats, Liberty Hill, Texas, April 5, 1905.

## SUGAR BEETS

**VILMORIN'S IMPROVED.** In general the most desirable Beet for the sugar factory is the one containing the largest percentage of sugar. In this



VILMORIN'S IMPROVED SUGAR

Vilmorin's Improved. Probably the best sort for the experimenter to use. Packet 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

variety we have one of the richest sorts in cultivation, and, moreover, it will do better on new lands than any other variety, suffer less from an excess of nitrogen and will keep the best. In size it is medium or a little below, yielding from 10 to 16 tons per acre,

and containing, under favorable conditions, as high as 18 per cent of sugar. The beet grows below the surface. The green leaves are smooth-edged and spreading. They are excellent for feeding cows, improving wonderfully the quantity and also the quality of the milk. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

**KLEIN WANZLEBEN.** A little larger than Vilmorin's Improved and containing about the same amount of sugar. Its yield of beets is from 12 to 18 tons per acre. The beet grows below the surface. The green leaves are rather large and spreading, with wavy edges. A little harder and easier grown than

Mr. S. P. Glover, at Mineral Wells, Texas, writes us under date of April 3d, 1906, in regard to Mangel Wurzel Beets: "My Mangel Wurzel Beets grew very fine. They are large and sweet. 18 of them made all that I could push on my wheel barrow. One beet stood eight inches above the ground, and about the same depth in the ground and weighed 8  $\frac{1}{2}$  pounds. The beets looked so nice after cooking a pot full for the cow, I tasted of it merely testing the cow's food, and I found it so sweet and rich, that I had all the rest of them cooked for the family, and never tasted better beets. They kept in the Storm Cellar all winter."



## Brussels Sprouts

This splendid vegetable certainly deserves much more general cultivation than it receives. It is prepared for eating about the same as cabbage, and is much more delicate. The seed should be sown in February or March, and the plants cultivated like cabbage. The plants are very hardy, and the heads are improved by frost.

An ounce of seed will produce 2,000 plants.

**DWARF IMPROVED.** Dwarf, with small, solid, tender heads, growing very close along the stem. Pkt. 5c, oz. 20c.

## Carrots

(Canahoria—SPANISH)

Our stocks are true to type, being very much better than the cheap ordinary-grown seed. Market-gardeners will find it to their interest to buy seed of us, since evenness of shade, uniformity of color and size make them attractive for bunching. To grow to perfection, Carrots require a rich, deep sandy loam, well pulverized and deeply cultivated. Sow in March and April in drills about a foot apart, thinning out to 4 inches in the row.

One ounce will sow 100 feet of drill; 3 to 4 pounds an acre.

✓ **EARLY SCARLET HORN.** The favorite early red summer variety; fine-grained and of good flavor. About 3 to 4 inches long and stump-rooted. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c.

✓ **OXHEART, or GUERANDE.** This is a desirable variety on soils too hard and stiff for the longer sorts, as it is not over 5 or 6 inches long. It frequently grows as thick as long, thus making it really as large as the longer sorts. Easily pulled by hand. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c.



OXHEART

✓ **DANVERS' HALF-LONG SCARLET.** A rich orange red; smooth and handsome, producing very large crops. An excellent market variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c.

✓ **LONG ORANGE.** The best late variety for general field culture. It is an excellent keeper, and retains its bright orange color during the winter. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.



DANVERS' HALF-LONG SCARLET

## Cauliflower

COLIFLOR. (SPANISH.)

One ounce will produce 1,000 plants.

**SELECTED DWARF ERFURT.** Earliest small-leaved dwarf for forcing, or open ground; produces very solid, pure white heads of the finest quality grows about 15 inches high. In ordinary seasons every plant will produce marketable head. Pkt. 20 cts., oz. \$2.00.

**EARLY SNOWBALL.** A very early dwarf variety, producing magnificent white heads of fine quality. Well adapted to nothbed culture. Pkt. 20cts., oz. \$2.00.

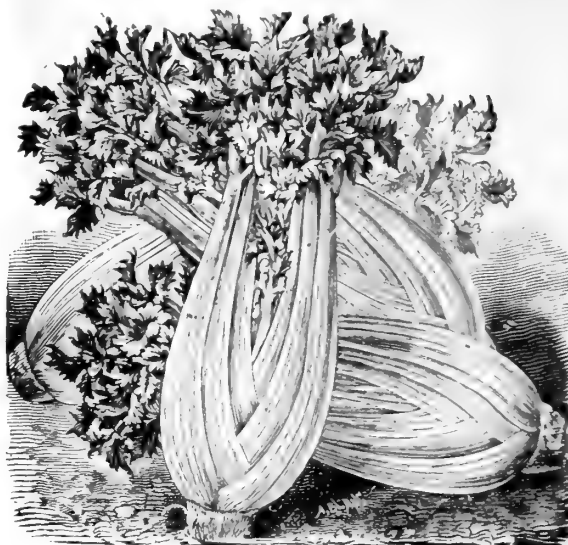
## Cress

**EXTRA CURLED, or PEPPER GRASS.** Fine-flavored, and the best sort for dry soils. Pkt. 5 cts., oz. 10cts.,  $\frac{1}{4}$  lb. 25 cts.

**WATER CRESS.** Should be grown where plenty of fresh water is at hand. There is always a good demand for it in large city markets. Pkt. 5 cts., oz. 30 cts.

## Collards

**CREOLE or SOUTHERN.** Cabbage greens, used as a substitute for cabbage in portions of the South where it is almost impossible to succeed in raising cabbage. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb 25c., lb 75c.



CELERY

## Celery

(Apio—SPANISH)

One ounce will produce about 2,500 plants.

**NEW ROSE RIBBED PARIS SELF-BLANCHING.** The most beautiful of all pink celeries. A sport of the celebrated Golden Self-Blanching, and equal to that variety in all respects. It has the light golden yellow color of its parent, and blanches with the same ease, differing only in the bright rose ribs. A good keeper. Height, 15 to 18 inches. One of the most truly desirable of the new celeries, especially for domestic use, as it is one of the most ornamental things ever put on the Thanksgiving or Christmas dinner table. Packet 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1, lb. \$3.

**GIANT PASCAL.** A superior-keeping sort. The stalks are very large, thick, solid, crisp, of rich, nutty flavor; splendid shipper. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**WHITE PLUME.** This is the earliest and most easily blanched Celery in our list, therefore valuable to gardeners growing for market. The stalks, inner leaves and heart are white, so that by tying them up with matting, or simply drawing up the soil against the plant, the work of blanching is completed. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**DWARF GOLDEN HEART.** Best of the half-dwarf varieties; large golden yellow heart. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**GOLDEN SELF-BLANCHING.** Stalks golden yellow; plants semi-dwarf, vigorous, with large ribbed, rounded stalks that are crisp and tender. Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. \$1, lb. \$3.50.

**SOUP, or FLAVORING.** Old seed. For flavoring pickles, sauces, etc. Ounce 5c, lb. 50c.

**CELERIAC, or TURNIP-ROOTED.** Packet 5c, ounce 15c.

## Corn Salad, or Fetticus

Used as a salad throughout the winter and spring, and extensively grown for market. One ounce will sow 20 square feet.

**LARGE-SEEDED.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**MARKET GARDENERS** or other large planters requiring larger quantities of seeds than is usually needed for a family garden, are invited to write for our special price list, issued to them only. This list will not be sent to private gardeners, even if applied for, being intended only for those who grow for market.

# CABBAGE (AMERICAN GROWN SEED)

(Coll o Repollo—Spanish)

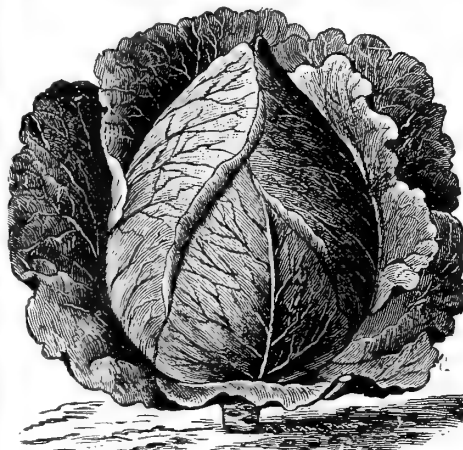
The importance of securing only the best in selecting Cabbage seed cannot be too strongly impressed on our customers. The difference in cost hardly amounts to anything, as only a small quantity is required to plant a large garden. Our seeds are from the best of the celebrated **Long Island growers**, fresh and true to name. Good drainage, plenty of manure on good, heavy loam and steady cultivation, as long as it is possible to work between the rows, are the requisites to good crops of Cabbage. For the early sorts, sow seed in fall, and when the plants are a month old transplant to coldframes, setting them down to the first leaves. Sow also in January and February and transplant 2 feet and 18 inches apart in the row, according to size. For the late varieties, sow from the middle to the last of spring and transplant when 4 to 6 inches high.

One ounce of seed will produce 1,500 plants;  $\frac{1}{2}$  pound suffices for an acre.

## FIRST-EARLY VARIETIES

**NICHOLSON'S EXTRA-EARLY.** For description, see Specialties. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ lb. 75c.

**EARLY JERSEY WAKEFIELD.** This is by far the most popular variety with market-gardeners and private growers, and is the standard by which all other sorts are judged. It is among the first-early sorts, stands shipping well and is unsurpassed in the delicate quality of flavor. Heads grow to a blunt point, are large, heavy and solid, with very few outside leaves. One of the oldest varieties grown. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 50c, lb. \$1.75.



CHARLESTON WAKEFIELD

### CHARLESTON WAKEFIELD

The largest early Cabbage. "Wakefield" in shape, it is very much larger than the standard Jersey, but combines with extra size, all the good points of the old variety, and ripens but a day or two later. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ lb. 60c, lb. \$2.

### EARLY YORK

A small kind, but with a good solid, round, slightly heart-shaped head. Very early, tender and of good flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ lb. 35c, lb. \$1.35.

### LARGE EARLY YORK

Similar in shape and quality to the above, but much

larger. A standard English sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ lb. 35c, lb. \$1.35

**EXTRA-EARLY EXPRESS.** Earliest of French Cabbages, small-pointed heads. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ lb. 35c, lb. \$1.35.

## SECOND-EARLY VARIETIES

**NICHOLSON'S EARLY WONDER.** For description, see Specialties. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ lb. 75c.

**ALL SEASONS.** As a second-early Cabbage, this is considered one of the best. It is a true, sure header, and grows extremely large. Heads firm, solid, of splendid flavor. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 50c, lb. \$1.75.

**HENDERSON'S SUCCESSION.** Of immense size, with full, solid heads. Equally valuable to market-gardeners or private planters, as it does well at all seasons of the year. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 50c, lb. \$1.75.

**BURPEE'S ALL-HEAD EARLY.** Noted for its scarcity of outer leaves, the head forming a full, round, flattened, solid ball of the flat Dutch type. Very sweet flavored, of good color; an excellent keeper and very valuable for market-gardeners. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 50c, lb. \$1.75.

**EARLY WINNINGSTADT.** A standard second-early sort, of distinct shape. Ripens about three weeks later than the early kind, and is noted for the firmness and solidity of its heads. A good keeper and of splendid flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ lb. 35c, lb. \$1.35.

**STEIN'S EARLY FLAT DUTCH.** A remarkably fine variety, with extra-large, round, flat heads, weighing at times 10 to 12 pounds. A sure header and good for forcing. The best Cabbage for the market-gardener for fall planting in the South. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 45c, lb. \$1.60.

**HENDERSON'S EARLY SUMMER.** Almost twice the size of Jersey Wakefield, and only about ten days or two weeks later; one of the extra-good second-early sorts. Solid, round heads, with very few outside leaves. A sure header and good keeper. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 45c, lb. \$1.60.

**BURPEE'S SUREHEAD.** A very reliable header; has large, round, flattened heads of the Flat Dutch type; also a good keeper and shipper. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 50c, lb. \$1.75.

**EARLY DRUMHEAD.** A hard-heading early sort, similar to Henderson's Early Summer. A standard variety of well-known merit. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 45c, lb. \$1.60.

## LATE or WINTER VARIETIES

**NICHOLSON'S NEW PRIZEHEAD.** For description, see Specialties. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ lb. 75c.

**SHORT-STEM DRUMHEAD.** This is extremely uniform in heading and dwarf in growth, so that the largest number of heads can be raised on a given area. The plants are so dwarf that the heads appear to rest on the surface of the soil. It grows with little outer foliage, the leaves all folding in closely about the head. The heads are extra hard and most uniform in size. With good cultivation heads grow to attain a weight of 20 to 30 pounds, and are of the finest quality. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ lb. 50c, lb. \$1.75.

**AMERICAN PERFECTION DRUMHEAD SAVOY.** The Savoy Cabbages are very tender and of fine flavor, very much superior in this respect to the ordinary late fall and winter Cabbage. Should be much more largely grown, both for home use and market. The strain of American Drumhead Savoy which we offer makes large-sized heads of most superior quality, and truckers and private gardeners alike will find it an excellent variety. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 45c, lb. \$1.60.

**AUTUMN KING, or WORLD BEATER.** A royal big, solid Cabbage, of a beautiful shade of dark green and creamy white; crisp centered, with such small outer leaves that the plants can be placed close together, thus yielding greater results to the acre than most other varieties. Some seedsmen list it under the name of "World-Beater." Its peculiarly crimped leaves add much to its beauty and make it distinctive in character. One of the best winter keepers. Pkt. 5c, oz. 20c,  $\frac{1}{4}$ lb. 60c, lb. \$2.

**PREMIUM FLAT DUTCH.** Among the earliest of the winter Cabbages; of fine flavor; very tender. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 45c, lb. \$1.60.

**PREMIUM LATE DRUMHEAD.** A standard late Cabbage, with full, firm, solid, round heads of immense size and excellent flavor; a good-keeping, excellent market variety. Pkt. 5c, oz. 15c,  $\frac{1}{4}$ lb. 45c, lb. \$1.60.



PREMIUM LATE DRUMHEAD

**HOLLANDER, or DANISH BALL-HEAD.** Very hardy, handsome, solid; one of the best keepers; quality fine. One of the best for distant markets or late spring use. The plant is vigorous, rather compact-growing, with a longer stem than most American sorts, exceedingly hardy, resisting cold and also dry weather; matures heads a little later than Flat Dutch. Very white, crisp and tender. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$2.

OUR CABBAGE SEED IS ALL LONG ISLAND GROWN AND FAR SUPERIOR TO CHEAP IMPORTED SEED.

**CABBAGE—Continued.**

**SUREHEAD.** Large, solid heads, sure to form under all conditions; fine for winter. Brings the highest price in market. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.  
**CABBAGE PLANTS.** See Vegetable Plants.

**PERFECTION DRUMHEAD SAVOY.**

This is the hardest-heading and best all-round Savoy. Plants are of strong growth, having only a moderate amount of outer foliage growing closely about the large solid round heads. Heads beautifully blanching and of the finest flavor. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

# CORN

**SWEET OR SUGAR. (Maiz—Spanish.)**

Sweet Corn should not be planted until the ground becomes warm; cold, rainy spells will cause it to rot in the ground. To have the best Sugar Corn, it should be picked at the proper time; that is, when a slight pressure upon the grain causes the skin of same to break easily. Plantings should be made at frequent intervals, so as to always have a supply at this stage of growth.

One quart will plant 200 hills; 8 to 10 quarts will plant an acre in hills.



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1892  
BY W.A.B. & CO.

**COUNTRY GENTLEMAN.** The most delicious sweet corn of all. The ears are somewhat smaller and less showy than the coarser varieties, but for family use, where quality is preferred to size, this has no equal. Cob small, kernels deep; a little earlier than Stowell's Evergreen. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid; pk. \$1.25.

**ADAMS' EXTRA-EARLY.** A favorite with market gardeners and those wishing to have the first Corn of the season. The hardest and earliest of all varieties, being able to stand considerable cold and wet. It is not a true Sweet Corn, has white indented grains and short ears, of fine flavor. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., postpaid; pk. \$1.  
**ADAMS' EARLY.** Similar to above, but not so early; has longer ears. Quite popular all through the South. Pkt. 10 cts., pt. 20 cts., qt. 35 cts. postpaid; pk. \$1.

COUNTRY GENTLEMAN

## Cucumber

For early use, plant as soon as the weather has become settled and warm, in hills 4 feet apart each way; thin to four of the strongest plants in each hill, after all danger of insects is over. The hills should be prepared beforehand by mixing a shovelful of well-rotted manure with the soil. They succeed best in warm, moist, rich loamy soil. Do not allow the fruit to ripen on the vines, but pick when large enough for use, whether wanted or not. Allowing the fruit to ripen on the vines causes them to stop bearing.

One ounce will plant 50 hills; 2 pounds will plant an acre.

**NEW KLONDIKE CUCUMBER.** An attractive dark green Cucumber, averaging 6 to 7 in. long and 2 in. thick; of unsurpassed quality. Its points of superiority are, extreme earliness; a prolific bearer; very hardy, producing fair crops under such unfavorable conditions as cause many other sorts to fail; holding its attractive color and crispness for a long time; size just right for a slicing Cucumber. Quite firm when small, making an excellent pickling sort. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**IMPROVED ARLINGTON WHITE SPINE.** The earliest and finest formed Cucumber and best for home market or shipping. The color is of a deep, glossy sea-green, with light spines running from blossom end. We have never seen a strain so complete in all the good points of a Cucumber as will be found in this variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**EARLY-CLUSTER.** Vine-vigorous, producing the bulk of the crop near the root and in clusters. Fruit short, with uniformly thick end, dark green, but paler at blossom end. A very productive sort. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**EARLY MINNESOTA.** The earliest Sweet Corn in our list; habit dwarf; ears small and productive; kernels very sweet and tender. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., postpaid; pk. \$1.

**STOWELL'S EVERGREEN.** One of the latest and sweetest. Ears large, deep-grained, excellent, remaining luscious and tender longer than any other sort. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., postpaid; pk. \$1.

**MAMMOTH SUGAR.** The largest late sort; very productive; of fine flavor. Very largely used for canning. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., postpaid; pk. \$1.

**POP CORN**

**QUEEN'S GOLDEN.** The largest sort; the stalks grow 5 to 6 feet high, and bear two or three large ears each. Pops perfectly white, single kernels expand to an inch across. Pkt. 5 cts., lb. 20 cts., postpaid.

**WHITE RICE.** Very handsome and popular; ears short, kernels long and pointed, resembling rice; very prolific. Pkt. 5c., lb. 20c., postpaid. Write for prices in large quantities.

**FIELD CORN**

For list of varieties, See Farm Needs.

**QUEEN'S GOLDEN  
POP CORN**

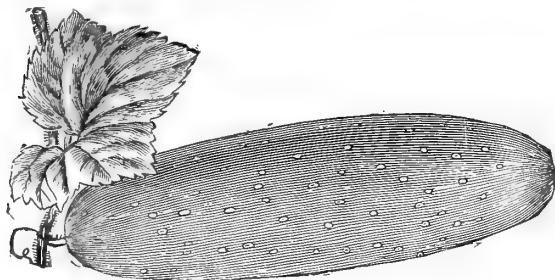
**OUR MOTTO:** True merit, like the fragrance of the rose, cannot be concealed.



KLONDIKE CUCUMBER

**CUCUMBER—Continued.**

**NICHOL'S MEDIUM GREEN.** For early forcing, late planting for pickling or ordinary table use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 65 cts.  
**EARLY FRAME or SHORT GREEN.** Excellent for table or pickling; medium size. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.



GREEN PROLIFIC

**GREEN PROLIFIC or BOSTON PICKLING.** One of the best pickling varieties; dark green, tender, crisp, of uniform size; cylindrical, smooth, attractive; also good for table use; very productive. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**EGG PLANT** (Beregena—SPANISH.)

Start in hotbeds, or boxes in the house in February or March, and keep warm; transplant, when all danger of frost is past, into a rich loamy soil. If troubled with bugs, dust lightly with slug-shot or tobacco dust.  
 One ounce will produce about 1,000 plants.



NEW EGG PLANT FLORIDA HIGH BUSH

**NEW EGG PLANT. FLORIDA HIGH BUSH.** A new strain of the New York Improved Eggplant, which has proved of the greatest value to our southern truckers and shippers in the section where it has been grown. It is remarkable for its vigorous growth and productiveness is very hardy, and will stand more cold weather than the New York Improved. The hot sun does not blight the blossoms, as is the case with some other sorts. It resists drought and wet weather to a wonderful degree, partly on account of its strong, upright growth. It is of large size, first-class shape and superior flavor. Its shipping qualities are the very best, commission men reporting that it arrives in the very best condition.

and brings the highest price in the northern markets. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50

**EMERALD.** The fruits are large, extra smooth and regular in form, and of rich deep coloring. When ready for use they will average 10 inches long by nearly 3 inches in diameter, perfectly round. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. .75.

**CHICAGO PICKLE.** A variety largely used by pickle manufacturers. Of medium size; prolific; combines all the good qualities of an early Cucumber. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. .65.

**LONG GREEN.** The most generally useful sort; long, and of a very dark green color. No variety is better for home use; splendid for table use and pickling. Use small fruit for sour pickles, and riper ones for sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. .65

**THORBURN'S EVERBEARING.** The vines continue to flower and produce fruit in every stage of growth until killed by frost. Small. Very early, enormously productive. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**JAPANESE CLIMBING.** Can be trained upon a trellis or poles, which will insure earlier ripening and a straight handsome form in the large fruits, 12 to 16 inches in length. Skin smooth, dark green. The flesh is pure white, crisp, and of mild flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**WEST INDIA GHERKIN.** A very prolific small-fruited variety, used exclusively for pickling. It is not properly a Cucumber, and of no value for slicing. The fruits are 2 to 3 inches in length, thick rounded form, closely covered with spines. Vines rather slender, with small foliage, but of strong growth. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**MAMMOTH PURPLE SPINELESS.** Large, round, dark purple, free from thorns, excellent; the most productive variety. Pkt. 10c., oz. 30c., 2 ozs. 60c.,  $\frac{1}{4}$  lb. \$1 lb. \$3.50.

**ENDIVE**

One ounce of seed to 150 feet of row.

**IMPROVED GREEN CURLED.** Leaves finely fringed, of a bright green color, tender, crisp. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**WHITE CURLED.** Self-blanching. This is the finest white curled variety; grows to a large size, always crisp and very tender. The chicory salad of the restaurants. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**HORSE-RADISH**

The best Horse-radish is grown from small pieces of roots 4 to 5 inches long; these will be fit for use in one season's growth. A dozen roots will give all that will be needed for family use; as they constantly increase, it is best to plant them in some out-of-the-way corner of the garden. 5 cts. each, 25 cts. per doz., 60 cts. for 50, 90 cts. per 100. Postpaid.

**KOHLRABI**

(Turnip-Rooted Cabbage) (Col de Nabo o Nabicol—SPANISH)

One ounce of seed will sow a drill of about 200 feet.

**EARLY WHITE VIENNA.** Flesh white, tender; has short top; good for market, table use or forcing. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**EARLY PURPLE VIENNA.** Blush purple, similar to the above except in color. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**KALE or BORECOLE**

(Breton—SPANISH.)

The Kales are hardier than cabbage, and make excellent greens for winter and spring use.

One ounce of seed will sow a drill of about 200 feet

**DWARF CURLED SCOTCH.** Leaves bright green, curled, tender, fine-flavored; excellent for private gardens. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**TALL GREEN SCOTCH.** Taller growth than above. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**LETTUCE** (Lchuga—SPANISH.)

The fine quality of Lettuce depends largely upon how quickly it is grown, and this is best obtained by transplanting. It thrives best in rich, moist ground. Sow in the open ground as early as the spring opens, and continuously until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad, sow the seed thickly in rows or broadcast.  
 One ounce will sow 150 feet of drill.

**IMPROVED LARGE PASSION.** It produces very fine, large, solid, white heads, 20 to 22 inches in circumference; crisp and tender, and of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**IMPROVED HANSON.** Heads very large, solid, sometimes weighing two or three pounds; tender crisp, and of fine flavor; color beautiful—green on outside and white within. It will stand more heat and dry weather than any other sort. One of the very best in cultivation. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**ICEBERG.** The large, curly outside leaves are light green, with a slight reddish tint at the edges. The leaves have small indentations, which are

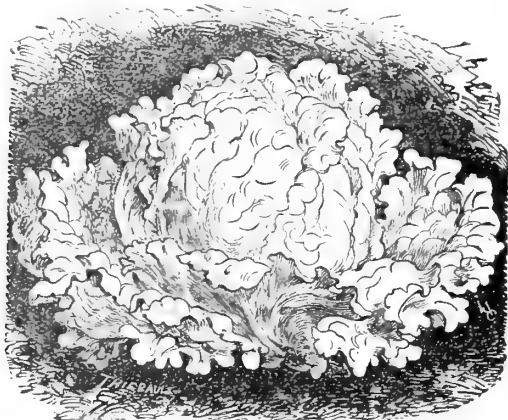
constantly filled with dewdrops, thus keeping them always fresh and giving them a crystalline appearance, hence its name. The Iceberg is the hardest heading sort we know. An excellent Lettuce for the home garden and for the market. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1

**CALIFORNIA CREAM BUTTERHEAD.** This variety forms large, solid, round, compact heads, light green outside and creamy yellow within. It is medium early and strongly recommended as a summer variety, being very slow to shoot to seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.



## LETTUCE—Continued.

**BROWN DUTCH.** This variety is exceedingly hardy, standing almost any amount of cold, consequently being one of the best for outdoor planting. The heads are of very fine quality, and always find ready sale upon the market. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.



PRIZEHEAD

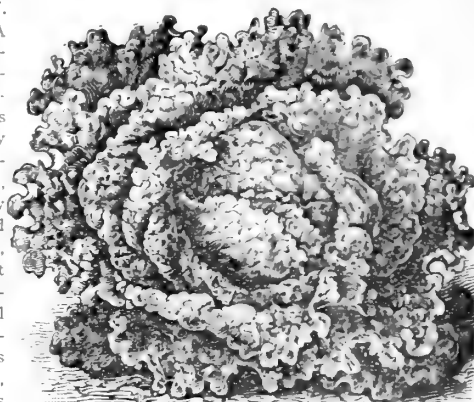
**DEACON.** A splendid well-known head Lettuce, with thick leaves, crisp, of the finest quality. It always forms a solid heart, well blanched. A very valuable sort for growing under glass, or forcing. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**PRIZEHEAD.** One of the most attractive Lettuces grown. Leaves are large and thin, very much crimped, exceedingly tender, and are bright green, tinged with a beautiful shade of red. This variety forms a large loose head, and on account of being so tender will not stand shipment for any great distance. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**BLACK-SEEDED SIMPSON.** Excellent large variety; stands the heat well. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

## BIG BOSTON.

White seed. A large headed forcing sort for outdoor winter culture. The plants are large, very hardy and vigorous, with broad, comparatively smooth thin and very hard leaves, which are bright light green in color, and when well grown quite tender. Indoors this forms a solid head, while outside it is less distinctively



BIG BOSTON

a heading sort. Grown in the South as a winter Lettuce. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**PHILADELPHIA BUTTERHEAD.** Fine, solid, handsome little heads; crisp and white. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**EARLY CURLED SIMPSON.** Does not head, but forms a close, compact mass of leaves; very early. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**WHITE-SEEDED TENNISBALL.** Almost without an equal for forcing in greenhouse or hotbeds, under glass. It does not succeed well outside. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

## LEEK

The Leek is very hardy, of easy culture, and succeeds best in a rich, light soil. The whole plant is edible and is used in soup, boiled with meat, etc. Considered more delicate in flavor than the onion.

One ounce will sow about 100 feet of drill

**LONDON FLAG.** Hardest and best for winter use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.

## MELON, MUSK

CANTALOUPE.  
(Melones Moscatel—SPANISH.)

**SELECTION OF MELON SEED.**—We pay the strictest attention to the selection of our melon seed, and are rewarded in our efforts in noting with satisfaction the many letters of commendation we receive. Having them grown where they reach the highest state of perfection, and by the most reliable growers, we find that it pays us and our customers. We are in a position to know the requirements of our trade, and endeavor to supply them just the thing they need.

Melons thrive best in a light, rich soil. Plant early in the spring when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons; 8 feet apart for watermelons.

1 ounce will plant 60 hills; 2 to 3 pounds an acre.

**CANNON BALL.** The ever increasing demand for this variety each season proves its value to the grower for market and home use. Round, medium-sized, heavily netted; flesh green, melting and delicious, almost solid; has the smallest seed cavity of all. Can be shipped any distance. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

**NETTED ROCK.** For description see specialties. Price, pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50

**BURRELLS GEM.** For description see specialties. Pkt. 15 cts., oz. 40 cts., 2 oz. 75 cts.,  $\frac{1}{4}$  lb. \$1.40,  $\frac{1}{2}$  lb. \$2.60, lb. \$5.00.

**DOOLEYS TRIUMPH.** For description see specialties. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**POLLOCK or EDEN GEM.** For description see specialties. Price, pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



CANNON BALL CANTALOUPE



**MUSK MELONS—Continued.**

**BURRELL'S THOROUGHbred ROCKY FORD.** For description see specialties. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.35.

**NEW BANANA.** For description, see under Specialties. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.85.

**EMERALD GEM.** The fruit of this really pretty melon is small to medium, globular in form, flattened at the blossom and stem ends; skin smooth and slightly ribbed. It shows a rich emerald-green color with narrow stripes of a light green in the ribs. Flesh very thick, ripening close to the rind, of a deep, rich, salmon color, deliciously flavored and of a superior quality. The fruit should be picked as soon as it will separate readily from the vine, and kept in a cool place until needed. If left on the vine the skin becomes yellow and the flesh soft and tasteless. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

**ROCKY FORD.** The most popular and extensively planted melon in Texas. Our seed comes from one of the most reliable and careful growers in Rocky Ford, Colorado, he making a specialty of selecting these melons for seed only. There is a great deal of seed sold for Rocky Ford grown in sections not suited to it, from the old stocks of Netted Gem. They produce fair melons, but furnish no comparison to the splendid quality and uniformity in size obtained under the climatic and soil conditions of Rocky Ford, Colorado. Car-loads of it are shipped to northern markets and bring top prices. They weigh from  $1\frac{1}{4}$  to  $1\frac{1}{2}$  pounds each. Skin green, regularly ribbed; flesh thick, light green, melting, luscious; rind thin; vine strong, prolific, ripening fruit early. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**EXTRA-EARLY JENNY LIND.** This is one of the oldest varieties of Muskmelon. The fruit is small and round, flat on both ends, deeply lobed and finely netted. The flesh is green and luscious. It comes into market first of all. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

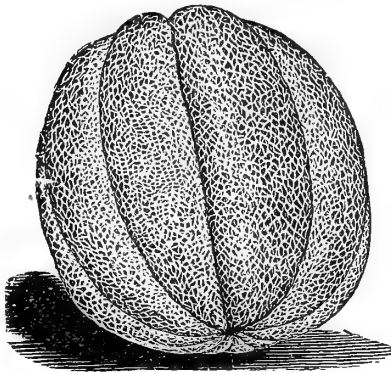
**BURPEE'S NETTED GEM.** Flesh thick, light green, luscious; extra-early. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**COSMOPOLITAN.** Handsome, round, heavily netted; flesh green, sweet, melting. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

**EXTRA-EARLY HACKENSACK.** A week to 10 days earlier than the old Hackensack. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

**EXTRA EARLY GREEN CITRON (NUTMEG).** Of medium size, deeply netted, nearly round; delicious. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

**BALTIMORE or ACME.** Of good size, oval shaped; thick green flesh of splendid flavor. This melon always finds ready sale with hotels and restaurants. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.



LONG ISLAND BEAUTY

**LONG ISLAND BEAUTY.** Fruits of large size, well flattened, heavily ribbed and netted. Of very handsome appearance and fine quality. Most highly recommended; it ripens as early as and is similar to Hackensack, but superior. True seed of the genuine strain is always scarce. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25, postpaid.

**HACKENSACK, or TURK'S CAP.** This is a favorite New York market variety. Fruits are of good size, round, heavily ribbed and netted. Hardy and productive, with thick firm green flesh; of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts., postpaid.

Market-gardeners who use large lots of Melon seed are invited to write for special prices; state variety and quantity wanted.

**MELON, WATER**

We make a specialty of choice Watermelon seed. Our seed is all southern grown, and is far superior to the cheap northern-grown seed generally sold by many dealers. Northern-grown seed will not produce good melons in the South, and are always very much later in ripening. If you want to raise choice, large melons of fine quality, plant our carefully selected southern-grown seed.

One ounce will plant 30 hills; 4 to 5 pounds will plant an acre.

**ANGEL KISS.** For description see Specialties. Price, pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**SOUTHERN BEAUTY.** For description, see specialties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**HARRIS' EARLIEST.** Sweetest early shipping Melon. In form the melon is oval to oblong, beautifully striped with green and gray; bright red flesh, which is sweet, tender and delicious beyond description. It is very productive, often bearing fine melons from July until frost. It is the melon for everybody to grow who wants to be first in the market with melons weighing from 20 to 30 pounds. It bears shipment well and, on account of its extreme earliness, handsome appearance and fine table qualities, always finds a ready sale at profitable prices. The Agricultural Experiment Station of the University of Tennessee says: "The Harris' Earliest Watermelon seeds sent us for trial produced melons weighing from 12 to 15 pounds in 63 days. Was the earliest melon grown on the grounds." Our seed is fresh and true to name. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**THE HALBERT HONEY.** For description see specialties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

**GEORGIA, or KLECKLEY SWEETS.** Reports from all sections confirm this new Watermelon to be just what the originator, Mr. W. A. Kleckley, of Alabama, claims for it—one of the best and sweetest flavored in cultivation. Skin dark green, rind thin; flesh scarlet, very solid, firm and most luscious quality. For the home market or family garden it is decidedly one of the best. Fancy selected southern-grown seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**BLACK BOULDER.** For this grand new and distinct Watermelon we are indebted to Aaron Paul, the veteran melon-grower of New Jersey. It is enormously productive, reaching a mammoth size, with rich, dark green skin. It cuts equal to any market melon we have ever eaten, and its shipping qualities are phenomenal, no other melon equaling it in tough skin and rind; in this respect even superior to Kolb Gem. Fancy selected southern-grown seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**DUKE JONES.** Extra-early, extra-large, and of the finest flavor; very prolific. A favorite both for shipping and home use. Fancy selected southern-grown seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.



GIRARDEAU'S TRIUMPH

**JONE'S JUMBO.** Extra-large, round, green with faint lighter stripes; flesh deep red, delicious. Sells rapidly and for high prices. Fancy selected southern-grown seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**SEMINOLE.** One of the best large, long melons, early, enormously productive and of most delicious flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**COLORADO PRESERVING CITRON.** Combines all the best characteristics of a preserving melon; often weighs 20 pounds. Flesh white and very firm. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**BLACK DIAMOND.** Melons of this sort weighing from 75 to 90 pounds are frequent. Rich dark green, almost black, quite lustrous, uniformly symmetrical, roundish to blunt oval. Productive; one of the best shipping melons grown; flesh red, of the finest quality. Fancy selected southern-grown seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

BE SURE TO TRY THE "ANGEL KISS" WATERMELON

## WATER MELONS—Continued.

**ALABAMA SWEET.**

The best melon grown for shipping. Oblong; very large, dark green, faintly striped, very sweet, entirely stringless; very prolific. We cannot recommend this melon to highly. Fancy selected southern-grown seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**GIRARDEAU'S TRIUMPH.**

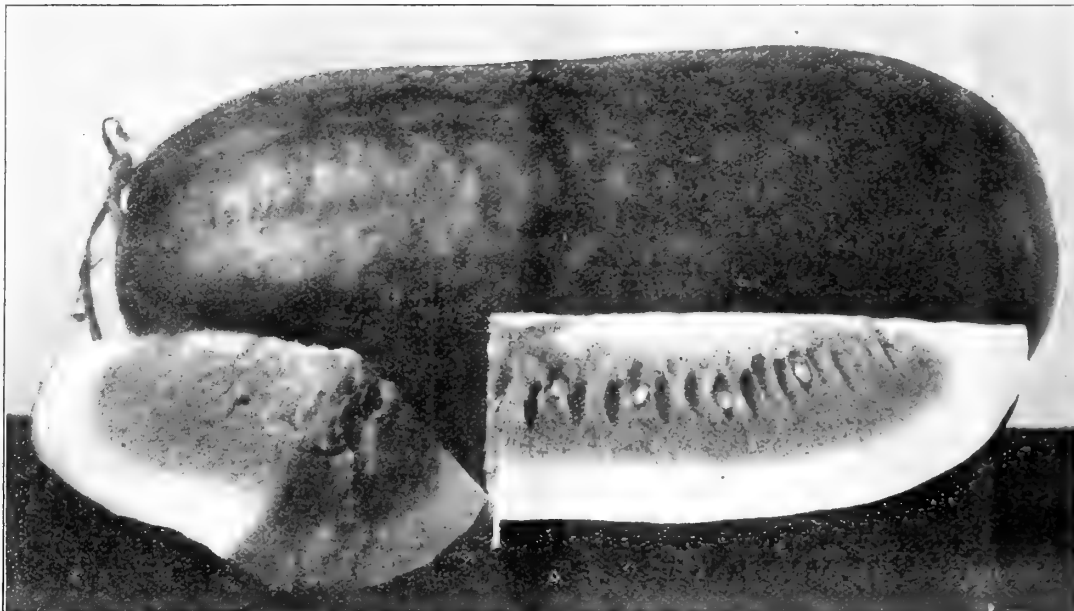
The largest melon grown. Specimens weighing  $148\frac{3}{4}$  pounds were grown in 1899. Very prolific, early and uniformly large. A cross between Duke Jones and Kolb Gem; has the fine, handsome appearance of the former and the fine shipping qualities of the latter. The rind, as in Duke Jones, is dark green, the seeds exactly the same color as those of Kolb Gem. Much better flavored than Kolb Gem; averages very large in size. Fancy selected southern-grown seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**JOHNSON'S DIXIE.**

No melon yet introduced has had such a large sale and brought so many strong recommendations from truckers and melon-growers everywhere. Fancy selected southern-grown seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**BRADFORD.** The vines are of a strong and healthy growth, and very productive, medium early. The melons are of an even, elongated shape, and grow to a large size. The color is a dark green, striped with a very dark stripe of the same color. The flesh is very tender and sweet, of a fine flavor. No hard core or stringy sections in the Bradfords. The rind is very thin and tough, thereby making it a very desirable shipping melon. The seeds are small and nearly white, flecked with a brown spot on each. This melon is largely grown by market-gardeners in the South, and is very popular. We offer fancy selected southern grown seed at pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**BRANCH'S GENUINE RATTLESNAKE.** It surpasses all other varieties in quality, and is a splendid shipper. It has netted good returns in glutted

**ALABAMA SWEET**

markets when other varieties would not bring freight charges. It has a thin rind; flesh deep scarlet, very sweet and delicious. This strain has been kept pure for thirty years, and is the only genuine Rattlesnake seed to be found in the United States. Our stock is grown for us by Mr. Branch, of Georgia, the originator and improver of this variety. He grows no other sort on his farm, consequently it is genuine and true to name. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts.,  $\frac{1}{2}$  lb. 60 cts., lb. \$1.

**FLORIDA FAVORITE.** Of medium size, striped light and dark green. Flesh deep red, crisp, delicious. Fancy selected southern grown seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**ICE CREAM, or PEERLESS.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60c.

**MOUNTAIN SWEET.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**KOLB GEM.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**GEORGIA RATTLESNAKE.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60c.

**ONIONS** (Cebolla—SPANISH.)

One ounce will sow 100 feet of drill; four pounds will sow an acre

We pride ourselves on selling the **very best Onion Seed** that can be produced, and are now supplying some of the largest Onion-growers of the country. By sowing our seed, large Onions may be produced direct from the seed.

**Culture.**—Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart, and cover half an inch deep. If the onions grow too thick, thin to about an inch apart, or only a very few small onions will be the result. Manure highly (20 loads per acre being used by market-gardeners with profit), and if manure is not plenty, some good phosphate, at the rate of 400 to 800 pounds per acre, will give splendid crops. A top-dressing of wood ashes, applied after the second weeding, is very beneficial.

**SOIL.** Onions need a rich loam with a slight mixture of clay, manuring for two years previous.

**MANURING.** A liberal use of manure is essential, and it should be of the best quality. well fermented and shoveled over at least twice during the previous summer to kill weed seeds.

**PREPARATION.** Spread the composted manure evenly at the rate of about fifty cart-loads to the acre. This should first be cultivated in, and then the ground plowed to a moderate depth, taking a narrow furrow in order to thoroughly mix the manure with the soil.

**SOWING THE SEED.** This can be done best by a hand-seed drill, which should be carefully adjusted to sow the desired quantity of seed about one-half inch deep. Thin seeding gives much larger Onions than thick seeding. Three or four pounds per acre is the usual quantity needed to grow large onions.

**CULTIVATION.** Give the Onions the first hoeing, as soon as they can be seen in the row. Hoe again in a few days, after which weeding must be begun. The weeder must stir the earth to destroy any weeds that have just started. At this weeding or the next, according to size of plants, the rows should be thinned, leaving from eight to twelve plants to the foot. In ten days or two weeks they will require another hoeing and weeding similar to the last.

**GATHERING.** As soon as the tops die and fall, the bulbs should be gathered into windrows. Do not store Onions in large piles, particularly in warm weather, or if they are in the least moist; but if perfectly dry when gathered and they are spread not to exceed two feet in depth, they can be kept in fine condition till spring. Keep them dry and at a uniform temperature.

**BERMUDA ONIONS**

**Cultivation of Bermuda Onions by Irrigation as practiced in southwest Texas:**

In the culture of Bermuda Onions there are four things that are very necessary: First, genuine fresh seed; second, plenty of fertilizer; third, thorough cultivation; fourth, plenty of water at the right time.

**PLANTING SEED-BEDS.** It requires about three to four pounds of seed per acre of Onions. We get seed from our growers on the Tenerife Island near the west coast of Africa, and they are delivered at the ports in the United States about September 1st to 15th. They should be planted as soon as you can get them. It is best to plant seed in beds about 120 feet long and 12 feet wide, with ten rows in each bed, rows 12 inches apart. Use a good garden seed-drill in planting. These beds are about the level of the land, with small border thrown up around each bed so as to control the water. The beds are made at right angles to the water ditch and further end from ditch a few inches lower, so water will cover the whole bed easily and uniformly. The ditch is built always on the highest ridges of your land, so the beds extending out from them can be made lower at the far end. Water as soon as seeds are planted. They will come up in ten days, and as soon as they are well up, cultivate with double wheel-hoes through the middle. Water and hoe as soon afterward as the ground will work nicely, and every two weeks until ready to transplant, which is in 60 days from planting.

**TRANSPLANTING.** Your transplanting should be done in December. The Laredo growers try to get through this job by Christmas. In transplanting, put in beds four inches apart in the drill, with rows 12 inches wide; allowing about 100,000 plants on an acre. Watering and working

## ONIONS—Continued.

are kept up until about two weeks before digging. When about three-fourths of the tops have fallen it is time to begin digging. Dig and throw in windrows and let sun and dry from twenty-four to thirty-six hours. Then cut off tops and roots closely and pack in slatted crates, 24 inches long, 16 inches wide, 7 inches deep, holding about fifty pounds.

**FERTILIZING.** A heavy application of any good commercial fertilizer broadcast just before transplanting—about 1,000 pounds—and then about 1,000 more put in with a drill in the middles about February, when the Onions begin to bulb. Manure of any sort is good used alone or in connection with cotton-seed meal or any commercial fertilizer. Cotton-seed meal ought to be put in three or four weeks before anything is planted, to insure best results.

We are the largest importers of genuine Teneriffe-grown Bermuda Onion seed in the South. We sold 4,000 pounds last fall and could have sold more if we had it. Beware of cheap American-grown seed, as it will not give results in the South. Now is the time to place your order for fall delivery, and you will then be sure to get your seed, as there is very seldom enough seed to supply the demand. We have a limited amount of seed on hand, which we offer as long as it lasts at the following prices:

BASTROP, TEX., Aug. 30th, 1906.

TEXAS SEED & FLORAL CO., Dallas, Texas.

Gentlemen:—I planted just  $\frac{3}{4}$  of an acre of the White Bermuda or better known as the Teneriffe Onion. I have raised two crops of this variety of Onion, all ordered from your house. Your seed have given most satisfactory results I assure you, as I have gathered 8000 pounds from the three-fourths of an acre, planted the past season. I bought the seed from you last September, planted them the first of October and transplanted in the months of January and February. I have actually sold \$185.00 worth from this little piece of ground. My Onion crop neither had any fertilizer nor irrigation. By the last of May I had all my Onions stored away.

Very truly yours,  
THOMPSON M. RECTOR.



**IMPORTED WHITE BERMUDA.** Planted extensively by market-gardeners in the South for shipping. While it is known as White Bermuda, the name is misleading, as it is really a light straw-colored Onion. Teneriffe-grown seed, pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.10, postpaid; by express, not prepaid, lb. \$2, 10 lbs. \$18.50.

**IMPORTED RED BERMUDA.** Our genuine Bermuda Red is a favorite for home use and home markets in many parts of the South. Pale waxy red; the variety in all sections where a red Onion is preferred. Teneriffe-grown seed, pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.10, postpaid; by express, not prepaid, lb. \$2, 10 lbs. \$18.50.

**WHITE WONDER.** This is the most beautiful White Onion we have ever seen, and is especially adapted to the South. It has a tough, tight, milky white skin, fine shape and is very solid. Will not turn green unless exposed to sun for two weeks. Seed very limited. Pkt. 5 cts., oz. 25 cts., lb. 75 cts., lb. \$2.85, postpaid.

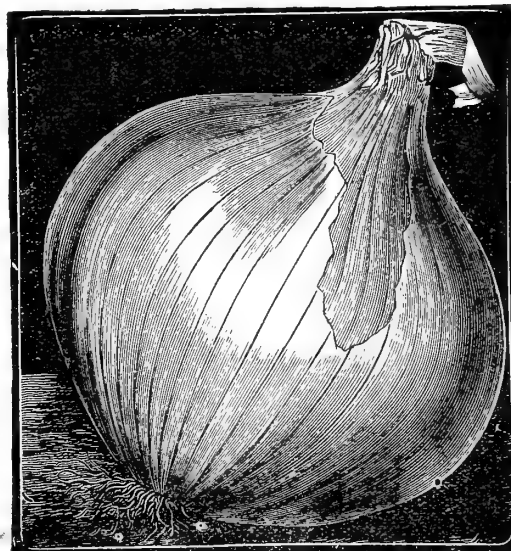
**PINK PRIZETAKER.** Same shape as the Yellow Prizetaker, only different in color. This is a fine Onion. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.85.

**IMPORTED CRYSTAL WHITE WAX.** This is a beautiful White Onion largely grown in Southwest Texas. Price, pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.35, lb. \$5.00.

**SOUTHPORT LARGE RED GLOBE.** Our strain of Red Globe Onion is grown from carefully selected bulbs every season, and is sure to produce the large, globular, small-necked type, being quite distinct from the ordinary Red Globes sold to-day. As a general cropping variety it is becoming more popular each season. The skin is glossy dark red. A very showy market Onion. Mild, tender and splendid. A long keeping sort and an immense cropper. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.10.

**EARLY WHITE ITALIAN MAY.** This is a beautiful large flat white-skinned variety which is specially adapted to sowing in the spring and fall in the South, making fine large Onions. It is a good keeper. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.85.

**EARLY WHITE QUEEN.** Is a fine early silver-skinned variety, of beautiful form and rapid growth, and possessing fine keeping qualities; seed sown early in spring will produce Onions from 3 to 4 inches in diameter in early summer or if sowed in early summer, will be fit for use by autumn. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.



AMERICAN PRIZETAKER

**AMERICAN-GROWN PRIZETAKER.** The Prizetaker Onion Seed we offer is grown for us in California by the largest and most successful seed-growers there. It is strictly new crop and of the finest type and quality. This is the finest Onion to plant in north Texas to raise large Onions for sale. Hundreds of acres of these onions are being grown in Texas, where only a few acres were planted a few years ago. Plant in February, March or April, and you can raise large Onions by July and August. The skin is thin, of a bright straw-color; flesh white, crisp, mild; form nearly a perfect globe. Under ordinary cultivation this variety will yield bulbs nearly three times as large as the Globe Danvers, while under special cultivation specimen bulbs have been raised to weigh from 4 to 5 $\frac{1}{2}$  pounds each. We recommend Prizetaker as being the largest and best Onion for the north Texas planter. Choice selected seed, pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. 1.70, postpaid; by express, not prepaid, lb. \$1.60, 10 lbs. \$15.00. Write for prices on large lots.

**AUSTRALIAN BROWN.** An extra-early, long-keeping Onion introduced from Australia. It is of good size, almost globular, deep amber brown and extremely early; planted with Wethersfield it has proved to be nearly four weeks earlier. The flesh is very hard, firm, of fine flavor, and will keep almost indefinitely. Specimens we have seen grown in Texas convince us that this is the coming Onion for the South. It is adapted to a greater variety of climates and soils than any other sort; will grow where many other Onions fail entirely. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75. By express, not prepaid, lb. \$1.65, 10 lbs. \$16.00.

**MAMMOTH SILVER KING.** Extremely large, flat, silvery white, of exceedingly mild and delicate flavor; specimens sometimes weigh 3 pounds. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.85.

**LARGE RED WETHERSFIELD.** Round, large, deep red; keeps well. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.70. By express, not prepaid, lb. \$1.60, 10 lbs. \$15.00.

**YELLOW GLOBE DANVERS.** One of the most desirable Onions; an excellent keeper and very productive. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.10; by express, not prepaid, lb. \$2.00, 10 lbs. \$19.00.

**EXTRA-EARLY WHITE PEARL.** Earliest and best of all the white varieties. Of enormous size, pearly white, of showy, waxy appearance; so mild in flavor that it can be eaten like an apple; reaches a fine size the first season from seed. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**WHITE PORTUGAL, or SILVER SKIN.** Well-known standard sort. Mild-flavored; early, extensively grown for pickling. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**EL PASO, or LARGE MEXICAN.** Grows to an enormous size, often weighing 2 to 3 pounds. Skin and flesh white; mild. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.60.

**LOUISIANA RED CREOLE.** A flat, light red variety grown extensively in Louisiana, Mississippi and other parts of the South. Firm and solid, a splendid keeper. Good heavy cropper but strong-flavored. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.85. By express, not prepaid, lb. \$1.50, 10 lbs. \$13.50.

## ONION SETS

**WHITE SILVER SKIN.** Pt. 15c., qt. 30c., postpaid; pk. 85c., bu. \$3.00.

**WHITE BERMUDA.** Write for prices.

**DARK RED.** Pt. 15 cts., qt. 25 cts., postpaid; pk. 75 cts., bu. \$2.75.

**YELLOW.** Pt. 15 cts., qt. 25 cts., postpaid; pk. 75 cts., bu. \$2.75.

Where large quantities of Onion Sets are wanted, write us for special prices, as the market sometimes fluctuates. If to be sent by express, deduct 8 cts. per pt. or 15 cts. per qt. from above prices.



WHITE PEARL

Bastrop, Texas, 8-28-06.  
I have made a great success from the planting of your Onion Seed, as I have sold to date 8000 pounds from the 3 pounds of seed purchased from you.  
(Signed) T. M. RECTOR.

## GARLIC



A species of onion propagated by offsets; used for flavoring soups, stews and other dishes. Divide a bulb into small parts and plant them in early spring in rows 1 foot apart and from 2 to 5 inches between plants in the row. The crop matures in August, when it is harvested like onions. We furnish sets of the best and earliest varieties. Lb. 30 cts., postpaid; by express, lb. 20 cts., 10 lbs. \$1.75, 100 lbs. \$15.00.

## PEAS

Our Seed Peas are all grown far north, carefully hand-picked, thus always free from weevil and clean. During the growing season they are carefully gone over, and any improper types appearing are removed.

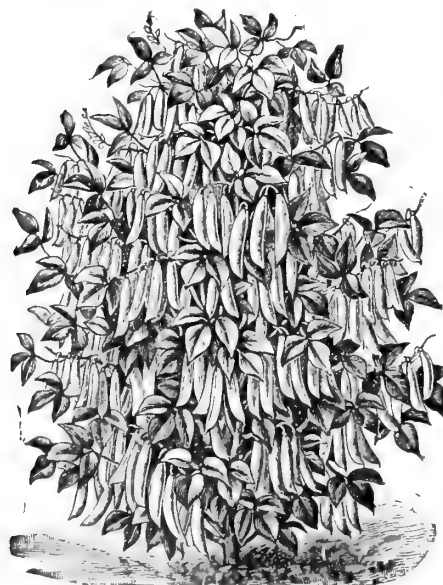
Large packets of any variety, 10 cents each.

One quart will plant about 100 feet of drill;  $1\frac{1}{2}$  bushels an acre.

**ALASKA.** An extra-early round Pea. Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.25.

**FIRST AND BEST EXTRA-EARLY.** Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.25.

**PHILADELPHIA EXTRA-EARLY.** Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.25.



NOTT'S EXCELSIOR

row; very prolific, and of superior flavor  $1\frac{1}{2}$  feet. Paid; by freight or express, pt. 15c, qt. 25c, pk. \$1.50.

**BLISS' EVERBEARING.** A first-class Pea for summer and autumn use; pods 3 to 4 inches long, with 6 to 8 rich, sweet peas. Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.25.

**BLISS' ABUNDANCE.** Long, round, well-filled pods; very prolific. Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.50.

**TELEPHONE.** Enormous pods and peas of fine quality. Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.50.

**PRIDE OF THE MARKET.** Large pods; popular for market. Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

**CHAMPION OF ENGLAND.** The most popular late variety. Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.25.

**LARGE WHITE MARROWFAT.** A favorite variety. Pt. 20c, qt. 35c, postpaid; by freight or express, pt. 10c, qt. 20c, pk. 85c.

**BLACK-EYED MARROWFAT.** Pt. 20c, qt. 35c, postpaid; by freight or express, pt. 10c, qt. 20c, pk. 85c.

**NOTT'S EXCELSIOR**  
An improvement on American Wonder, being as early, if not a little earlier, with pods decidedly larger and many more of them to the plant; grows about half as tall. Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

**AMERICAN WONDER**  
A very fine extra-early wrinkled variety for the private garden; quite productive; flavor and quality excellent; height 10 inches. Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.75.

**PREMIUM GEM**  
Fine-flavored wrinkled variety; pods long dark green, dwarf, prolific; height 18 inches. Pt. 25c, qt. 40c, postpaid; by freight or express, pt. 15c, qt. 25c, pk. \$1.50.

**LITTLE GEM.** A dwarf, first - early, green, wrinkled marrowfat. Pt. 25c, qt. 40c, post-

## OKRA, or GUMBO

(Quimbombo. SPANISH.)

The pods of this plant are regarded as a household necessity in the southern states, but are not so well known or so extensively grown as they should be in the North. Seed should be sown quite thinly in drills 2 or more feet apart, when the trees are well out in leaf. For either cooking or drying the pods must be gathered when young and tender, before any woody fiber is formed.

**DWARF GREEN.** Dwarf stocky growth, wonderfully prolific, and matures pods ready for use ten days or two weeks earlier than the tall varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts., postpaid.

**WHITE VELVET.** Of tall growth, with long pods, which are round, smooth, and of a velvety white coloring. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**PERFECTED PERKINS' LONG-POD.** An improved strain of the popular Perkins' Mammoth Green-Pod. The pods are produced in great abundance, and when ready to use are from 4 to 5 inches in length, and of a handsome green color, and of the best quality. Now used almost exclusively by the principal soup-canners, as it can be depended upon for uniform good quality, and the color is much to be preferred. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts., postpaid.

## PARSNIP

(Pastinaca o Chirivia.—SPANISH)

Sow thickly in drills from January to March for spring and summer crop in this latitude. Sow from September to December for winter and spring crop.

**IMPROVED HOLLOW CROWN.** The best all-round variety of Parsnips for the South. The leaves start from a small depression in the crown, giving it the name. Rich, sweet flavor and very productive. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb 20c, lb 50c.

## PARSLEY

(Perejil.—SPANISH)

Sow in spring and fall in drills 15 inches apart. Keep well stirred and free from weeds. When plants have become strong, thin out to 6 inches apart. Parsley requires from three to five weeks to germinate. Soak seed in water 12 hours before planting.

**DOUBLE CURLED.** Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, giving it the general appearance of coarse moss. Used by market-gardeners. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb 20c, lb 60c.

**PLAIN LEAVED.** Is a very hardy and strong grower, and excellent for seasoning, for which purpose it is grown almost exclusively. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb 20c, lb 50c.

## MUSTARD

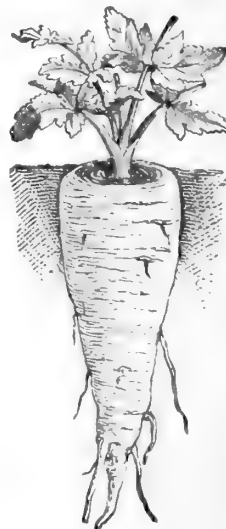
(Mostaza.—SPANISH)

**OSTRICH PLUME.** The most beautiful Mustard grown, besides possessing a very superior flavor, when cooked, to any other variety.



GIANT CURLED MUSTARD

in the fall to furnish an early spring salad. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb 20c, lb 60c



PARSNIP

variety. This new variety originated in the South, and where known is the most highly regarded of any yet in cultivation. The leaves are beautifully crimped, ruffled and frilled, making a most attractive table garnishing. Sow in February, March or April, or during September and October, either broadcast or in drills 6 inches apart. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb 30c, lb 85c.

## SOUTHERN GIANT CURLED

We offer a fine strain of the true curled variety so popular in the South for planting



**MUSTARD—Continued.**

**WHITE.** Packet 5 cts. ounce 10 cts. pound 35 cts.  
**BLACK or Brown.** Packet 5 cts. ounce 10 cts. pound 35 cts.

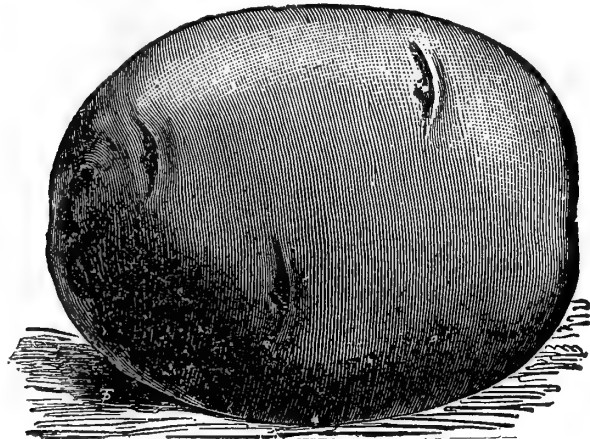
**SEED IRISH POTATOES**

(Potato o Papas.—SPANISH)

Prices on Potatoes are subject to change without notice

We are large dealers in selected seed Potatoes, handling only those of the very best quality.

**TENNESSEE GROWN TRIUMPH.** Second Crop. These potatoes are very popular with a great many of our customers. Those we offer are grown for us by one of the best growers in Tennessee, and are far superior to a great many so-called Triumph Potatoes. Peck 40c, bushel \$1.40, 10 bus. \$13.50.



**MAINE GROWN SEED POTATOES.** These are far superior to cheap western grown stock, being earlier, more carefully grown and better bred.

**BLISS TRIUMPH.** Peck 35c, bus. \$1.25, eleven peck sack \$3.25.

**EARLY ROSE.** The genuine Early Rose still remains the standard early variety. Peck 35c, bu. \$1.25, 11 peck sack \$3.25.

**EARLY SIX WEEKS.** Said to be the earliest potato now growing, and especially recommended for early market trade; medium size, very smooth skin, shallow eyed and of fine texture. Peck 35c, bu. \$1.25, 11 pk. sack 3.25.

**EARLY OHIO.** One of the standard early varieties, and said to be the best potato that grows. Shape, oblong; quality, dry, mealy, fine texture and flavor. Peck 35c, bu. \$1.25, 11 peck sack \$3.25.

**SEED SWEET POTATOES**

**PUMPKIN VINELESS.** The best and most productive Potato grown. It is not really a vineless Potato, as its name would indicate, but they



usually do not grow as long as the other varieties. Slips grow quickly after transplanting. Each one is well supplied with fibers and requires but little water and attention. Will double the yield of the ordinary old vine yam, and is superior for market or eating. Write for prices. Slips ready April and May. 50c per 100, \$3.50 per 1,000. We can usually furnish other varieties also, such as White Vineless, Pumpkin Yam, etc. Write for prices.

**PUMPKINS** (Calabaza.—SPANISH)

Everybody should plant Pumpkins; they make the finest kind of feed for hogs and cattle

Plant in good soil in April when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill. Plant at the same time with the corn; always avoid planting near other vines, as they will hybridize.

**IMPROVED GREEN STRIPED CASHAW.** Improvement on White Cashaw, green and white striped; flesh rich yellow, solid, fine-grained, very thick, sweet. Pkt. 5c, oz. 10c, ¼lb. 25c, lb. 75c.

**POTIRON MAMMOTH**

**WHITE CASHAW, or CROOKNECK.** One of the best table sorts, also fine for stock feeding; very productive and grows to a large size. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 60c.

**LARGE SWEET CHEESE, or KENTUCKY FIELD.** A most popular variety. Skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender, very nutritious; excellent quality and enormously productive. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 60c.

**BIG TOM FIELD.** This Pumpkin is the result of many years' selection from the old Golden Marrow or Michigan Mammoth Pumpkin. About twice the size of the original. The skin and flesh are of a deep rich orange color, of excellent flavor for pies etc., cooking soft and tender. For table use and stock feeding no more profitable or better variety can be grown. Produces over 20 tons to the acre, and is thoroughly satisfactory in every respect. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 60c.

**POTIRON MAMMOTH.** (Jumbo, King of the Mammoths, Large Yellow; etc.) The largest of all Pumpkins. Specimens have been grown weighing over 225 pounds; flesh bright yellow, of good quality. Several were grown the past season from seed purchased from us that weighed from 75 to 100 pounds each. Pkt. 10c, oz. 20c, ¼lb 50c, lb. \$1.50.

**CONNECTICUT FIELD.** The common Field or Cow Pumpkin. If you have any live stock to feed, it will pay you to put in a few acres of these. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 45c.

**RHUBARB**

(Ruibarbo Bustardo.—SPANISH)

**LINNAEUS.** Early, large, tender; very fine. Pkt. 5c, oz. 15c, ¼lb. 40c, 1st size roots, 20c each, \$2 per doz.; 2d size roots, 10c each, \$1 per doz.

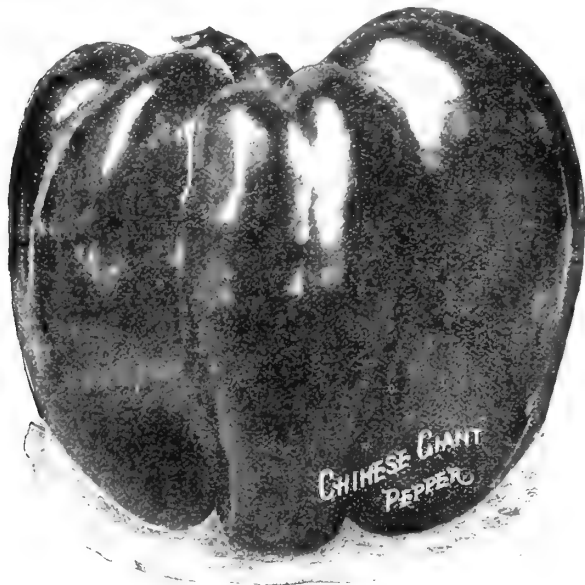
**EVERBEARING CRIMSON WINTER.** For particulars see specialties. Pkt. 10cts., oz. 75 cts. Roots 20 cts each, \$2.00 per doz.

Market Gardeners, Farmers, Clubs and Institutions wishing to purchase seeds in unusually large quantities should write for special prices. Although we have made prices very low in this catalogue, yet, where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. In writing give us a list of quantities and varieties required, and we will return list promptly with our lowest cash price for the lot.

## PEPPER

(Pimiento.—SPANISH)

**CHINESE GIANT.** For description, see Specialties. Pkt. 10c,  $\frac{1}{4}$  oz. 20c, ounce 30c.,  $\frac{1}{4}$  lb. \$1.



**NEAPOLITAN LARGE EARLY.** For description, see Specialties. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.

**SWEET MOUNTAIN, or IMPROVED BULLNOSE.** Large, early, mild, rind thick and fleshy. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**RUBY KING.** A good variety for Mangoes or pickling, as it is not too fiery. A productive sort. Pkt. 5c, oz. 25c  $\frac{1}{4}$  lb. 75c.

**LONG RED CAYENNE.** From 3 to 4 inches long, hot, bright red; very productive. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**SMALL CHILI.** Red conical pods, about 2 inches long; very hot; prolific; used for seasoning and sauces. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**LARGE SWEET SPANISH, or MAMMOTH.** This is a splendid, large, sweet, mild-flavored Pepper, and very popular. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

## SALSIFY

(Oyster Plant)

(Ostra Vegetal o Barba Carbuña.—SPANISH)

One ounce of seed will sow 50 feet of drill, 8 lbs. to an acre. Sow in March in rich, light, deeply worked soil, in rows about 18 inches apart; thin out to about 6 or 8 inches. Cultivate often to keep free from weeds. Perfectly hardy and can be allowed to remain in the ground all winter.

**MAMMOTH SANDWICH ISLAND.** Grows very large here and resembles a good sized parsnip; very mild and delicate flavored. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb \$1.50.



SALSIFY

## SPINACH

(Espianca.—SPANISH.)

### BLOOMSDALE

The hardiest large Savoy-curl and crimped; thick fleshy leaves. Oz. 5c,  $\frac{1}{4}$  lb. 10c, lb. 35c postpaid; by express, lb. 25c, 10 lbs. \$2.00.

### OUR MOTTO.

True merit, like the fragrance of the rose, cannot be concealed.

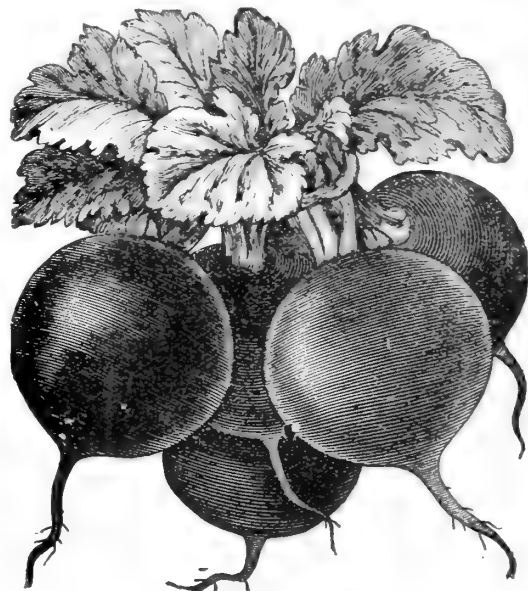


SPINACH

## RADISHES

An ounce of seed will sow about 75 feet of drill; 8 to 10 pounds an acre.

**EARLY SCARLET GLOBE.** A desirable sort for early use, mild and crisp, juicy and tender, beautiful scarlet color and fine shape. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.



EARLY SCARLET GLOBE

**ROSY GEM, or RAPID FORCING.** Perfectly globular. Rich deep scarlet at top, blending into pure white at the bottom. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**WHITE-TIPPED SCARLET TURNIP.** Excellent for forcing; bright scarlet, with clearly defined white tips; leaves short. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**EARLY FRENCH BREAKFAST.** Oblong, rapid-growing, mild, tender, beautiful scarlet, tipped with white. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**EARLY SCARLET TURNIP.** A small-top variety, of quick growth, mild and crisp. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**LONG SCARLET SHORT-TOP.** Long, bright scarlet, with small top. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**LARGE WHITE SUMMER TURNIP.** The market-gardener's favorite; large, turnip-shaped, white, very crisp. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**LONG WHITE VIENNA, or LADY FINGER.** The finest long white Radish in cultivation. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**ROUND SCARLET CHINA, or CHINA GLOBE.** A handsome new variety of medium size, bright scarlet color and globe-shape; grows rapidly; flesh is pure white, crisp, brittle, and of most agreeable flavor. When sown late makes an excellent winter sort and keeps well. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.

**BECKERT'S CHARTIER.** Bright salmon-scarlet, shading to white as it approaches maturity; very crisp and tender. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**LEICINNATI MARKET.** A most excellent long Radish; brilliant scarlet, flesh crisp, brittle, of a delightful pungent quality; tops small. Undoubtedly the finest long red Radish for forcing; will outsell any other on the market. Also an extra fine sort for the home garden, the quality being unexcelled. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**LONG BLACK SPANISH.** Large, long, one of the hardiest; keeps until spring. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

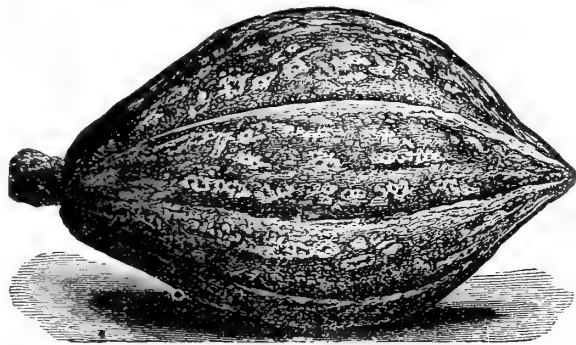
**CHINA ROSE WINTER.** One of the best fall and winter varieties; a favorite market-gardener's. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**ROUND BLACK SPANISH.** One of the best for winter use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.



LONG BLACK SPANISH

## SQUASH



HUBBARD SQUASH

**EARLY WHITE BUSH.** The best early variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**YELLOW SUMMER CROOKNECK.** Early, productive; of good quality; skin orange-yellow. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**BOSTON MARROW.** About ten days later than the bush varieties; flesh orange-colored, fine-grained; a good keeper, of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

**HUBBARD.** One of the best late table varieties. Large, fine-grained, dry, of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

**WARTED HUBBARD.** Similar in size and quality to the well-known Hubbard, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance an excellent keeper and of splendid quality. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.

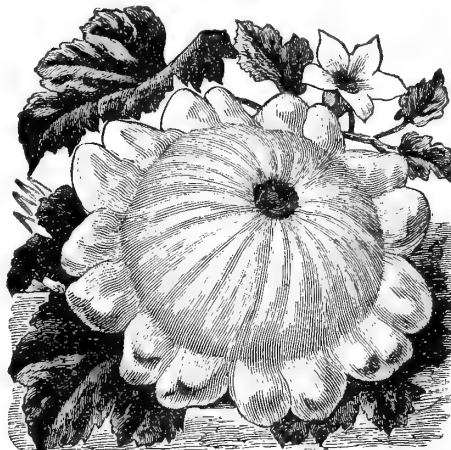
**MAMMOTH CHILI.** The Jumbo of the Squash family. The form is round, flattened at both stem and blossom ends. The outer color is a rich orange-yellow; skin is quite smooth, with wide fissures; flesh very thick and of a rich yellow color. Good quality; keeps well throughout the entire winter, and is profitable to grow for stock feeding. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

### MAMMOTH WHITE BUSH.

This is a true bush growth, nearly as early as the Early White Bush, and produces large, thick fruits with scalloped edges, frequently 12 to 14 inches in diameter. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

### WINTER CROOKNECK.

Larger and matures later than the Summer Crookneck. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.



MAMMOTH WHITE BUSH SQUASH

## TOMATOES

For early use sow in February and March in a hotbed or in boxes and pots set in the window, and hasten the germination and growth of the plants by good care and frequent watering. When the seedlings are about two inches high transplant them to pots, or in rows 4 or 5 inches apart, keeping the temperature at about 60 degrees. Subsequent transplantings will make them branching and stocky, but do not set them in the open ground until all danger from frost is past; then plant them in a warm, sunny place, and water freely until they are well established. Some support which will keep the fruit above the ground and free from dirt should be given all plants.

An ounce of seed will produce about 1,000 plants

**JUNE PINK.** For description, see Specialties Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.40, lb. \$5.00.

**THE STONE.** Very large, perfectly smooth fruit of bright scarlet; solid, meaty, with few seeds; ships and keeps well. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

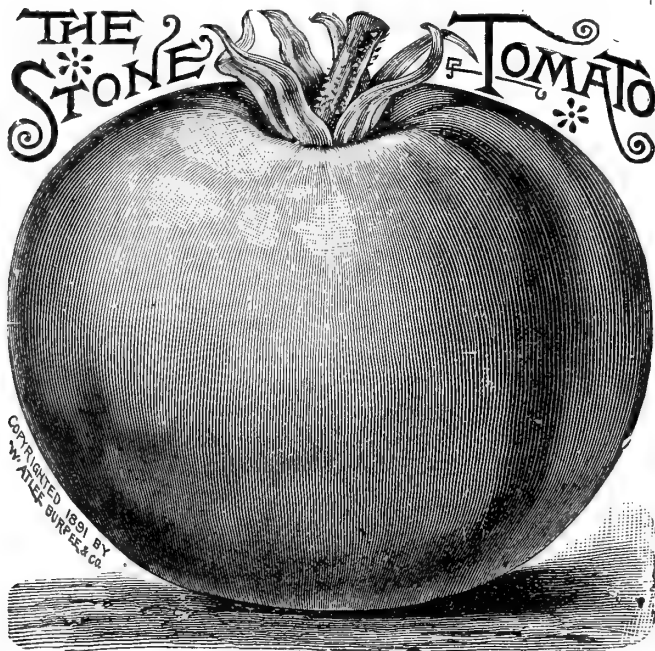
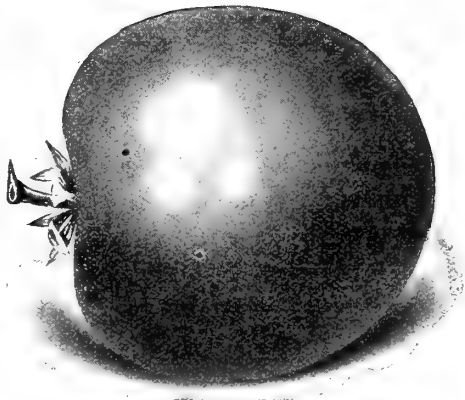
**SPARK'S EARLIANA.** This splendid new Tomato was originated a few years ago in New Jersey, by one of the most successful truckers, for the Philadelphia markets, and during this time has proved itself to be the best variety yet found for early market, always commanding the top price on account of its earliness, uniformity of shape, rich red color and abundant productiveness. It has very few seeds, is remarkably solid; ripens round and smooth, being free from the irregular form and knotty appearance of nearly all the extra-early sorts placed upon the market. It is fully a week or ten days earlier than any other variety known. We had occasion to observe it this season on a trial with about eighty other sorts, and noticed this point, and also that it was a heavier yielder than any other variety by a very high percentage. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**PONDEROSA.** This is, without exception, the largest Tomato in cultivation, often attaining a circumference of 18 inches and weighing from 2 to 4 pounds; solid and meaty as beefsteak, and almost seedless, its glowing crimson color permeating the flesh to the heart. Delicious in quality and flavor. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.

**ATLANTIC PRIZE.** An extra-early Tomato, coming next to Spark's Earliana; bears round, smooth, bright red fruit of good size, fine-flavored, and stands shipping well. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

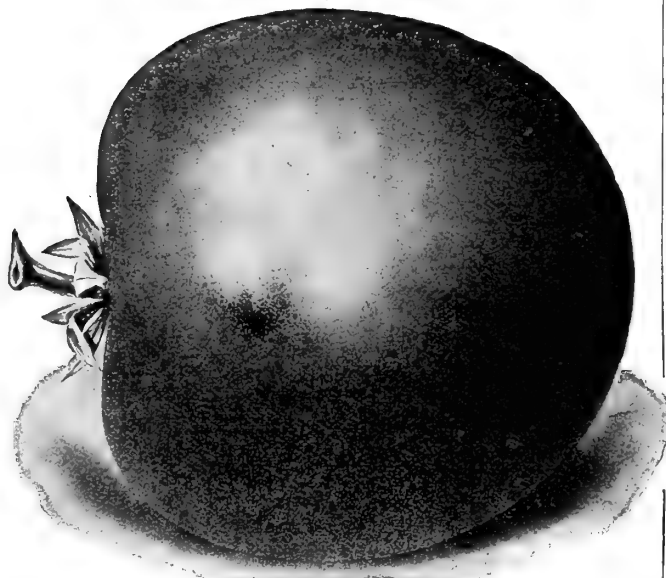
**BEAUTY.** One of the best. Fruit glossy crimson, large, smooth, solid, never cracking; holds its size well until late in autumn. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**ACME.** One of the best for family use; ripens evenly; of medium uniform size, round, very solid, of pinkish color. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.



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W. A. LEE, BURKE & CO.

## TOMATOES, Continued.



**LIVINGSTON'S GLOBE.** See Specialties. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.

**LIVINGSTON'S DWARF STONE.** See Specialties. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. .85

**CHALK'S EARLY JEWEL.** See Specialties. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 85 cts.

**DWARF CHAMPION.** This popular variety is too well known to require description. It is a standard market sort; very distinct having a compact, stocky, upright growth, requiring no support. Commences to ripen early, frequently by June 1, yielding enormously until killed by frost. Fruit smooth and handsome. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**REDFIELD BEAUTY.** This variety has proved itself to be of great value as a general crop for our market-gardeners. It stands hot, dry weather; continues long in bearing, being a strong and vigorous grower; it produces round, smooth and solid fruit, with few seeds, entirely free from cracks, of glossy crimson color, slightly tinged with purple, borne in clusters of from three to five to the bunch, and it is a very abundant bearer. It will stand the roughest handling and shipping, and can be picked green and will ripen well in transit, presenting a first-class appearance when placed upon the market. We think our market-gardener friends would do well to give this variety a good substantial trial. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**CRIMSON CUSHION.** Bright scarlet-crimson, untinged with purple; ripens almost completely to the stem; is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce one pound of seed, whereas a pound of seed is realized from three ordinary Tomatoes. The flesh is firm, "meaty," of superb quality. Enormously prolific and early for so large a Tomato. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.

**SELECTED TROPHY.** One of the very best. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**FAVORITE.** One of the largest and most perfectly shaped varieties; ripens evenly and early; very prolific; flesh solid, of good flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**PERFECTION.** Larger than Acme, fully as early, perfectly smooth, solid, almost round, deep red. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**RED PEAR-SHAPED.** Pkt. 5 cts., oz. 25 cts.

**YELLOW PEAR-SHAPED.** Pkt. 5 cts., oz. 25 cts.,

**RED CHERRY.** Good both for preserving and pickling, bright red; Pkt. 5 cts., oz. 25 cts.

## Tobacco

**CULTURE.** The seed should be sown as early as possible after danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring on the ground intended for the seed-bed; then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about 6 inches high transplant into rows 4 or 5 feet apart each way; cultivate thoroughly with plow and hoe.

**CONNECTICUT SEED-LEAF.** An old, well-known variety. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2, postpaid.

**LANCASTER COUNTY BROADLEAF.** More largely grown than any other in Lancaster county, Pa. Pkt. 5 cts., oz. 20 cts., lb. \$2.

**HAVANA.** Grown from seed imported from Vuelta de Abajo. Pkt. 10 cts., oz. 35 cts.

**BONANZA.** A White Burley cross on Yellow Oronoko, possessing the qualities of both parents blended. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**GENERAL GRANT.** It produces leaves 44 inches in length, and matures as far north as Duluth, Minnesota. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.10, lb. \$4.

**STERLING.** One of the earliest to ripen and one of the best for all purposes. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**IMPROVED WHITE BURLEY.** This strain is much superior to the regular White Burley. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3.50.

## Turnips

✓ **EXTRA-EARLY  
PURPLE-TOP MILAN  
STRAP-LEAVED.**

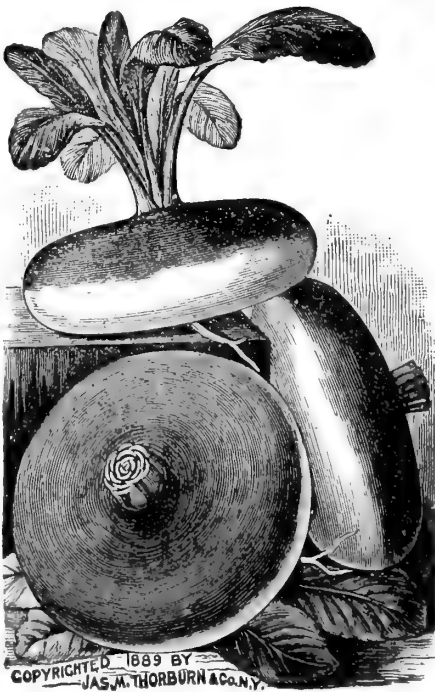
The earliest in cultivation. Medium size, quite smooth, with purple top; leaves few, short. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

✓ **EARLY RED, or  
PURPLE-TOP STRAP-  
LEAF.** Quick growing; flesh very fine-grained, sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 45 cts.

✓ **SOUTHERN WHITE  
WINTER GLOBE.** A very popular variety in the South. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 45 cts.

✓ **RED-TOP WHITE  
GLOBE.** Large and rapid-growing; globe-shaped, with red and purple top; fine quality; keeps well, and is excellent for early or winter market. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 45 cts.

✓ **GOLDEN BALL, or  
ORANGE JELLY.** Rich, sweet, pulpy flesh; of quick growth; keeps well. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.



✓ **WHITE EGG.** A quick-growing, egg-shaped, perfectly smooth, pure white variety with small top and rough leaves. It grows half out of the ground. The flesh is very sweet, firm and mild, never having the rank, strong taste of some white varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

✓ **SEVEN TOP.** Cultivated extensively in the South for the tops, which are used for greens. It is very hardy and will grow all winter, but does not produce a good root, and is recommended only for the tops. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 45 cts.

✓ **EARLY WHITE FLAT DUTCH STRAP-LEAVED.** Grows quickly, comes early, has clear white skin; flesh juicy, mild, excellent. For early use sow very early in the spring, and again in July and August for autumn use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 45 cts.

✓ **POMERANIAN WHITE GLOBE.** A rough-leaved sort, valuable both for stock-feeding and table use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 45 cts.

✓ **LARGE YELLOW, or AMBER GLOBE.** Grows large; flesh yellow, firm, fine-grained. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 45 cts.

✓ **LONG WHITE, or COW-HORN.** Pure white, except at top; the roots grow half above the ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

✓ **IMPROVED PURPLE-TOP YELLOW RUTABAGA.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 40 cts.

## MARKET-GARDENERS, FARMERS' CLUBS AND INSTITUTES

Wanting to purchase seeds in unusually large quantities should write for special prices. Although we have made prices very low in this Catalogue, yet, where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. In writing, give us a list of quantities and varieties required, and we will return list promptly with our Lowest Cash Price for the Lot.



## BIG DOLLAR COLLECTION OF VEGETABLE SEEDS

### THIRTY-TWO BEST VARIETIES OF VEGETABLE SEEDS.

FOR \$1.00 WE WILL SEND ONE REGULAR-SIZED PACKET OF EACH OF THE FOLLOWING:

1. BEAN, Dwarf Golden Wax. Very early and productive.
2. BEAN, Kentucky Wonder. One of the best pole varieties.
3. BEET, Crimson Globe. Extremely handsome and unequalled for the table.
4. BEET, Improved Long Dark Blood. Good keeper; excellent for winter use.
5. CABBAGE, Early Jersey Wakefield. A recognized popular variety.
6. CABBAGE, Autumn King. One of the best winter keepers.
7. CARROT, Danvers Half Long Scarlet. Rich orange red; smooth and handsome.
8. COLLARDS, Creole or Southern. Excellent cabbage greens.
9. CORN, Sweet, Country Gentleman. The most delicious sweet corn of all.
10. CUCUMBER, Improved Arlington White Spine. One of the earliest and best.
11. CUCUMBER, Long Green. The most generally useful sort.
12. KOHL RABI, Early White Vienna. White and tender.
13. LETTUCE, Improved Hanson. Large solid heads; tender and crisp.
14. LETTUCE, Big Boston. Best for winter forcing.
15. MUSKMELON, Rocky Ford. Excellent early variety.
16. MUSKMELON, Long Island Beauty. Fruits of large size and handsome appearance.
17. WATERMELON, Kleckley or Georgia Sweets. One of the best and sweetest in cultivation.
18. WATERMELON, Halbert Honey. Choice variety for private use.
19. ONION, Extra Early White Pearl. Earliest and best of all the white varieties.
20. ONION, Australian Brown. An extra early; long keeper.
21. PEAS, Nott's Excelsior. Very fine variety of compact dwarf growth.
22. PEAS, First and Best Extra Early. Best strain of the extreme early varieties.
23. PEPPER, Large Bell or Bullnose. Large, early, sweet and mild.
24. PUMPKIN, Improved Green Striped Cushaw. Great improvement on the old cushaw type.
25. RADISH, Long Scarlet Short Top. One of the best of the long scarlet class.
26. RADISH, Early French Breakfast. Early, rapid growing, mild and tender.
27. SQUASH, Early White Bush. The best early variety.
28. SQUASH, Warty Hubbard. An excellent keeper and of splendid quality.
29. TOMATO, Sparks Earliana. Early, smooth, bright red, of good size.
30. TOMATO, Dwarf Champion. Ripens early; popular standard variety.
31. TURNIP, White Egg. Rapid-growing; sweet pure white variety.
32. TURNIP, Extra Early Purple Top Milan Strap-Leaved. Earliest in cultivation.

\$1.00 buys the complete collection together with a packet of Watermelon, Angel Kiss.

For 50c we will send numbers 2, 3, 5, 8, 9, 10, 14, 15, 18, 20, 21, 23, 26, 27, 29. Fifteen in all.

For 25c we will mail the following seven choice varieties: Numbers 3, 5, 10, 15, 17, 26, 29.

## BIG 50 CENT COLLECTION OF FLOWER SEEDS

FOR 50 CENTS WE WILL MAIL ONE FULL-SIZED PACKET EACH OF THE FOLLOWING:

1. ALYSSUM SWEET, beautiful white flower of delicious fragrance.
2. BALSAM DOUBLE MIXED, favorite garden flower.
3. COCKSCOMB, DWARF MIXED, beautiful free blooming annual.
4. LARKSPUR, Dwarf German Rocket mixed, good for bouquets.
5. MARIGOLD, French Double Dwarf Mixed, various markings.
6. NASTURTIUMS, Dwarf Mixed, fine for table decorations.
7. PHLOX DRUMMONDII MIXED, splendid mass of colors.
8. PETUNIA, Good Mixed, fine for bedding.
9. POPPY, Double Peony Flowered Mixed, well adapted for shrubbery.
10. SWEET WILLIAM, Single Mixed, great variety of colors.
11. VINCA, Mixed, ornamental and free blooming.
12. VERBENA, Fine Mixed, beautiful dazzling self-colors.
13. ZINNIA, Tall Double Mixed, showy and free-flowering.
14. MOMORDICA, Balsamina, curious ornamental climber.
15. SWEET PEAS, Eckford's Hybrids Mixed, very popular for bunching.

The above 15 packets for only 50c. At our regular catalogue prices, these 15 packets would cost 75c.

For 25c we will mail numbers 1, 2, 5, 6, 7, 9 and 13.

At these greatly reduced prices we cannot allow any alterations in any of the above collections.

## SWEET, POT AND MEDICINAL HERBS

Herbs in general delight in rich, mellow soil. Those marked with an (\*) are perennial, and when once established in the garden may be preserved for years with a little attention. Cut the leaves while still tender and dry them in the shade.

ANISE. For garnishing and flavoring. Pkt. 5 cts., oz. 10 cts.

BASIL, SWEET. Used for soups, stews and sauces; 1 foot. Pkt. 5 cts., oz. 20 cts.

\*CARAWAY. For confectionery, medicine and flavoring. Pkt. 5 cts., oz. 10 cts.

CASTOR OIL BEAN. For ornament and medicine; 6 feet. Pkt. 5 cts., oz. 15 cts.

CHEVIL. Pkt. 5 cts.

CORIANDER. Grown for its seed, also for garnishing; 2 feet. Pkt. 5 cts., oz. 10 cts.

DILL. Leaves are used in soups, sauces and pickles; seed for flavoring. Pkt. 5 cts., oz. 10 cts.

\*FENNEL, SWEET. Leaves are used in sauces. Pkt. 5 cts., oz. 10 cts.

MARJORAM, SWEET AMERICAN. Home-grown seed is the best for winter use, as it makes more bulk. Pkt. 5 cts., oz. 30 cts.

\*LAVENDER. Aromatic. Pkt. 5 cts., oz. 20 cts.

RUE. Pkt. 5 cts.

ROSEMARY. Pkt. 5 cts.

\*SAGE. Tender leaves and tops are used in sausage, stuffing and sauces. Pkt. 5 cts., oz. 20 cts.

SAVORY, SUMMER. For seasoning. Pkt. 5 cts., oz. 15 cts.

\*THYME, SUMMER. For seasoning. Pkt. 5 cts., oz. 30 cts.

Our Seed are all Recleaned with the Finest Seed-Cleaning Machinery in the South.

## SUMMER-FLOWERING BULBS FOR SPRING PLANTING.

### BEAUTIFUL JAPAN LILIES

#### AURATUM

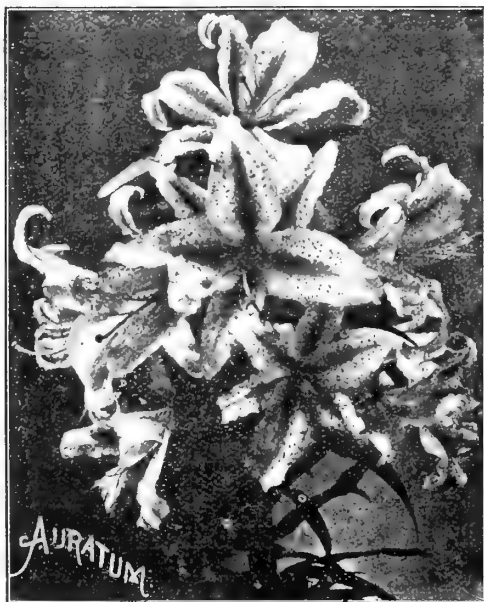
The magnificent gold-banded Lily of Japan. The flowers are very large, sometimes 12 inches across, of purest white, thickly studded with maroon spots, while through the center of each petal runs a clear golden band. Blooms from June to October. Extra large bulbs 20c each; \$2 per doz. By mail, \$2.25 per doz.

**LONGIFLORUM.** This is a most beautiful white Lily with a longer flower than the Harriand blooms a little later, fine for pot growing, also for out-door culture. 15c each, \$1.50 per doz. By mail \$1.75 per doz.

**SPECIOSUM ALBUM.** One of the most popular Lilies grown, bearing large, pure white flowers of delicate beauty, on strong stems. Excellent for pots or bedding. Blooms in August. Height 2 to 4 feet. 20c each, \$2 per doz. By mail, \$2.20 per doz.

**SPECIOSUM RUBRUM.** Same habit as the Speciosum Album. Color white, shaded with deep rose and spotted crimson. One of the most beautiful of all lilies. 20c each, \$2 per doz. By mail, \$2.20 per doz.

Collection of one each of the above—4 beautiful Japan Lilies, 75 cents, by mail postpaid.



### MEXICAN EVERBLOOMING TUBEROSE



MEXICAN EVERBLOOMING TUBEROSE

bloom in the summer. 10 cts. each, 4 for 25 cts., 60 cts. per doz. or 70 cts. postpaid.

Two years ago our attention was called to the new Mexican Single Ever Blooming Tuberose, and we planted a large trial bed. We find this to be the most beautiful and useful Tuberose we have ever tried to grow. It blooms continuously, beginning in June and continuing till frost, and the flowers are very fragrant.

Any one can grow them. All they require is to be watered during the extremely warm weather. This flower will keep a week after being cut, and can be shipped long distances with good success. The bulbs can be left in the ground during the winter in the southern part of the states. Where the weather is very cold, they should be dug up and put away in a cellar or some place where they will not freeze. Every bulb blooms and they increase enormously. We want every one of our customers to get some of these bulbs this season, and we feel sure that they will all say that it is the best investment they have ever made in the flower line when they begin to

### NEW EXCELSIOR PEARL TUBEROSES

The "Excelsior" strain of Dwarf Pearl Tuberose is greatly improved in dwarf habit of growth, extreme doubleness of the large flowers, and in very early flowering. A delightfully fragrant and beautiful summer-flowering bulb. Extra large bulbs, 5 cts. each, 25 cts. per half doz., 40 cts. per doz. If wanted sent by mail add 10 cts. doz. to pay postage.

### CALADIUM

**ESCULENTUM.** A tropical plant with luxuriant green foliage. The leaves are often more than two feet across and are bright and ornamental the entire season. Will grow in an ordinary garden soil, but should have plenty of water in order to give the best results. Very easy to cultivate; the bulbs may be taken up in the fall and kept through winter in dry sand in the cellar. Extra large bulbs, 35 cts. each, \$3.50 per doz.; first size 20 cts. each, \$2 per doz.; second size 10 cts. each, \$1 per doz.

**FANCY-LEAVED.** These delight in a place shady and moist. They should be started into growth about March 1, dried off in October and kept in a warm and dry place until spring again. They are excellent for window-boxes, vases or single pot-plants, and succeed equally well in a somewhat shady situation out doors. 25 cts. each, 5 for \$1.

### DAHLIAS

There is nothing that, with the same amount of money invested, will give more show of flowers than Dahlias. We offer dry bulbs or tubers, assorted colors at 25 cts. each, \$2.50 per doz.

### GLADIOLUS

The most attractive of all summer-flowering bulbs are the Gladioli. Wonderful improvements have been made in the size and beauty of these flowers, and our list comprises only the best selections. 5 cts. each, 25 cts. per half doz., 40 cts. per doz. If wanted by mail add 10 cts. doz. to pay postage.

### IPOMOEA MEXICANA, PALMATA OR PANICULATA

A distinct and pretty Mexican Vine, bearing fine clusters of large purplish rose colored flowers; it grows rapidly and succeeds in almost any position; as a plant for covering arbors, verandas, etc., it is invaluable; being tuberous rooted, it may be wintered like a Dahlia. 25 cents each, or 35 cts. postpaid.

### JAPAN IRIS

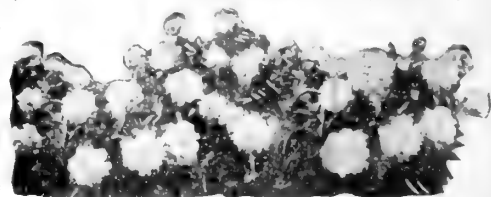
The magnificence of these new Irises surpasses description. The flowers are of enormous size, averaging 8 to 10 inches across, and of indescribable and charming hues and colors varying like watered silk in the sunlight, the prevailing colors being white, crimson, rose, lilac, lavender, violet, and blue; each flower usually representing several shades, while a golden-yellow blotch, surrounded by a halo of blue or violet, at the base of the petals intensifies the wealth of coloring. The Japan Iris is perfectly hardy and flowers in great profusion in spring, attaining greatest perfection if grown in moist soil, or if plentifully supplied with water while growing and flowering. Ready in October. Price, 25 cents each, \$2.50 per dozen. Can be sent by express only.

### DOUBLE CHINESE PAEONIES

Paeonies have always held an important place among hardy plants, and with the wonderful improvements made during recent years, have established themselves among the leaders for popular favor.

Their requirements are so simple—a good, rich, deep soil, and an open, sunny position, if possible, which, however, is not absolutely necessary, as they thrive almost equally as well in a partially shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, are not troubled with insect pests or disease of any kind, and once planted take care of themselves, increasing in size and beauty each year.

The roots may be planted at any time during the fall or early spring, but for best results they should be set out in the fall. Strong roots. Colors, red pink or white. Each 25c, doz. \$2.50. Postage 5 cts. each extra.



DOUBLE CHINESE PAEONIES

# Texas Seed and Floral Company's Choicest Flower Seeds for 1907.

## BRIEF HINTS ON SOWING AND CULTIVATION

**THE SOIL.**—A mellow loam, which is medium between extremes of clay and sand, enriched with a compost of rotted manure and leaf mold, is adapted to the generality of flowering plants. Before planting flower beds or borders, be sure that they are a little elevated in the middle, that the water may run off and the plants show to better advantage.

**SOWING THE SEED OUTSIDE.**—Nine-tenths of the failures in flower culture come from improper treatment of the seeds and young plants. Do not plant any seeds when the ground is wet. Make the surface as fine and smooth as possible. Cover each sort of seed to a depth proportionate to its size.

**BOXES.**—When sown in shallow boxes, in the house, see that drainage is perfect by boring holes in bottom of box, and filling same about an inch with broken earthenware, coal ashes, or any rough material that will furnish drainage.

**NOTE.**—For seeds of Vines and Climbers, see pages 46-47.

### AGERATUM

This plant is almost constantly in bloom throughout the summer, and is particularly valuable for bedding. It is of the easiest culture. Half-hardy annual.

**MEXICANUM.** Lavender-blue. 2 feet. Pkt. 5 cts.

**TOM THUMB.** Blue. Rarely exceeds 6 inches in height. Pkt. 5 cts.

### SWEET ALYSSUM

This is of easiest culture, and its fragrant white flowers are produced all summer. Pkt. 5 cts., oz. 25 cts.

### ALYSSUM

**LITTLE GEM.** Very dwarf; only 3 or 4 inches in height. A single plant will cover a space a foot in diameter. Densely studded from Spring until all with beautiful spikes of deliciously fragrant flowers. Pkt. 10 cts.

### AMARANTHUS

Showy blooming plants, with long racemes of curious-looking flowers and brilliant foliage. Half-hardy annuals.

**CAUDATUS.** (Love-Lies-Bleeding). Blood-red, drooping. 3 feet. Pkt. 5c

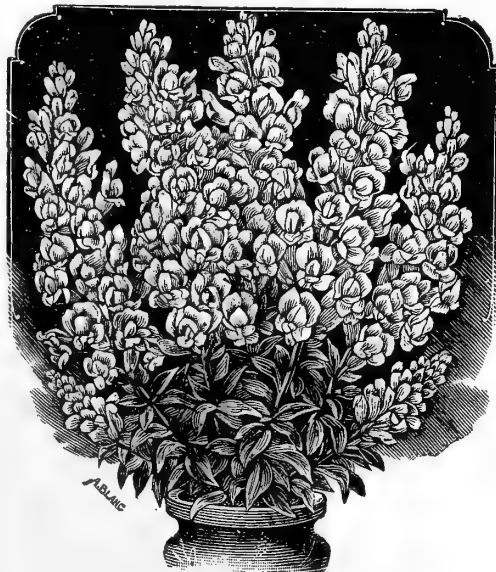
**TRICOLOR** (Joseph's Coat). Leaves red, yellow and green. 3 feet. Pkt. 5c

**PRINCE'S FEATHER.** Pkt. 5 cts.

### ANTIRRHINUM

(Snap Dragon.)

One of our most showy and useful border plants. Hardy perennials, coming the first year if the seed is sown early. 1 to 2 feet.



ANTIRRHINUM

**OM THUMB MIXED.** Finest dwarf. Pkt. 5 cts.

**ALL MIXED.** Pkt. 5 cts.

**ICTURATUM.** Choice blotched varieties; mixed. Pkt. 5 cts.

### AQUILEGIA

(Columbine)

**CHOICE DOUBLE.** Mixed. Beautiful and varied colors. Pkt. 5 cts.

**SKINNERI.** Flowers vivid scarlet, tipped with yellow. Pkt. 10 cts.

**ARABIS ALPINA.** One of the earliest and prettiest of all spring flowers; the spreading tufts clothed with lively green leaves are covered with pure white flowers as soon as the snow disappears. 5 cts.



BALSAM

### BALSAM

(Lady's Slipper)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion. Of easy culture; succeeds in a good, rich soil. Tender annuals. 2 feet.

**SUPERB CAMELLIA FLOWER-ED.** The finest strain of perfectly double balsams, producing masses of the brightest flowers. A shy seeder. All colors mixed. Pkt. 10 cts.

**DOUBLE WHITE.** Pkt. 10 cts.

**DOUBLE MIXED.** Occasionally semi-double. Pkt. 5 cts.

### ASTER

The ground for the cultivation of Asters cannot be too rich. Half-hardy annuals.

**WHITE BRANCHING.** The magnificent large double white flowers, four inches in diameter, borne upon long stems, are excellent for cutting. The long broad petals are curled so as to give the blossom the appearance of a graceful chrysanthemum. Pkt. 10 cts.

**SEMPLE'S BRANCHING ASTERS.** This is a magnificent American strain, producing handsome double flowers on long stems. Finest mixed. Packet 10 cts.

**GIANT COMET, "BRANCHING WHITE."** Of fine branching growth, the large flowers are of the purest white; full centered and desirable for cut-flowers. Pkt. 10 cts.

**GIANT BRANCHING COMET ASTERS, Mixed.** With good cultivation flowers of this type frequently measure four inches across, and in their fine form, large size, and long stem, approach in beauty the fine Chrysanthemums grown in the greenhouse during the late fall months. Pkt. 10c., 3 pkts., 25c.

**JAPANESE ASTERS.** The beautiful flowers are of immense size, with long petals curiously waved and curled. They grow fourteen inches high, are well branched, and produce a number of enormous flowers. Finest mixed. Pkt. 10 cts.



ASTER

**ASTER, Continued.**

**DWARF QUEEN.** This splendid Aster makes low bushy plants (10 in.) of compact growth, producing a great number of double, extra large flowers like the Victoria Aster, 3 in. across. Excellent for bedding and pots. Mixture of all colors. Pkt. 10 cts.

**TRUFFAUT'S PERFECTION** (Improved Peony-flowered). Very double, large and finely shaped; the petals are beautifully incurved. 1½ feet. Pure White and Finest Mixed. Each, 10 cts. per pkt.

**IMPROVED VICTORIA.** A magnificent strain. The flowers are large, beautifully imbricated and perfect in form. 1½ feet. Finest mixed. Pkt. 10 cts.

**BELLIS PERENNIS**

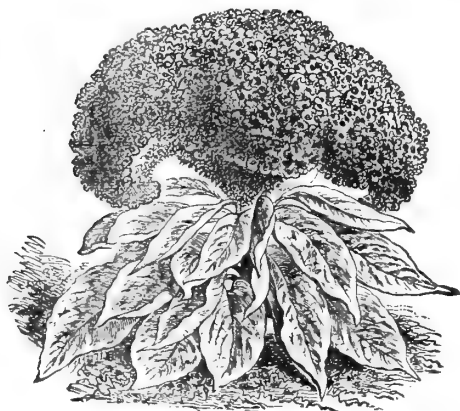
**BELLIS PERENNIS** (Double Daisies). Dwarf, hardy, spring-blooming plants; ½ foot.

**SNOWBALL.** Exceedingly large, pure white flowers, with flat petals. Pkt. 10 cts.

**FINE GERMAN.** Double, mixed. 5 cts.

**CELOSIA OR COCKSCOMB**

Free-blooming, graceful plants, growing best in rather light soil, and producing spikes of



GLASGOW PRIZE

**DWARF, MIXED.** Fine dwarf varieties of Cockscorn. Pkt. 5 cts.

**DWARF PLUMED CELOSIA**

The plants grow in pyramidal form, each branch being tipped with a spike of feathery bloom, rich in color. The flower-spikes retain their beautiful coloring until severe frosts. Their feather-like blossoms are of brilliant shades of crimson, scarlet, fiery red and golden yellow. Pkt. 5 cts.

**CANDYTUFT**

Universally known and cultivated, and considered indispensable for cutting. Hardy annuals. 1 foot.

**GIANT EMPRESS.** Long head of pure white. Pkt. 5 cts.

**WHITE ROCKET.** Pkt. 5 cts.

**DWARF MIXED.** Pkt. 5 cts.

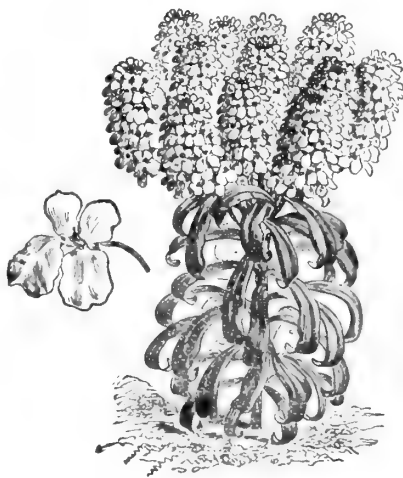
**FINE MIXED.** All colors. Per oz. 15 cts., pkt. 5 cts.

**CARNATION**

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer.

**FINEST GERMAN.** Mixed colors; saved from extra fine, double, named flowers. Pkt. 25 cts.

**EARLY-FLOWERING DOUBLE VIENNA.** Pkt. 10 cts.



CANDYTUFT

**MARGUERITE.** This beautiful new race flower blooms four months after sowing the seed. Its profusion of bloom, variety of colors and delicious perfume insures its popularity in all gardens where cut-flowers are in demand. Pkt. 10 cts.



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1892  
BY W.A.B. & Co.

**CALENDULA**

A showy, free-flowering hardy annual, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost.

**METEOR.** Flowers large, double, yellow striped with orange. 1 foot. Pkt. 5 cts.

**DOUBLE, MIXED** (Pot Marigold). Per pkt. 5 cts.

**DWARF FRENCH CANNAS**

Highly ornamental plants, producing a rich effect by their broad, massive foliage, terminated by racemes of crimson, orange or scarlet flowers. Soak the seed 12 hours in hot water before planting.

**CROZY'S LARGE-FLOWERING FINEST MIXED.** Comprising all the newest and most beautiful varieties. Pkt. 5 cts., oz. 25 cts.

**COSMOS**

Robust annuals, 5 to 6 feet high, with feathery foliage; large single flowers borne late in autumn; fine for cutting. California strains, pkt. 10 cts.

**EARLY FLOWERING.** Lovely flowers of large size; pure white, pink and crimson in color. It blooms from July to November. Pkt. 10 cts.

**CAMPANULA**

(Canterbury Bells)

Very ornamental garden plants of easiest culture; hardy biennial, 2½ feet high, producing large, bell-shaped flowers of exquisite colors. Single mixed Packet 5 cts.



**CALLIOPSIS**

Will bloom until frost, thrive in any soil and require scarcely any care. Fine cut flowers.

**TALL, FINE MIXED.** All the best types. Pkt. 5 cts.

**CENTAUREA**

Thanks to the praiseworthy fashion of using only long-stemmed flowers for bouquets, the different species of Centaurea, annual as well as perennial, have become general favorites in all countries.

**CENTAUREA CYANUS** (Bachelor's Button). Hardy annual, also called Blue-Bottle, Ragged Sailor, etc. Mixed colors. Pkt. 5 cts.

**BLUE EMPEROR, or CORN FLOWER.** Pkt. 5 cts.

**MARGARETAE.** A very handsome plant which grows about 18 inches high and produces large, pure white flowers of the sweetest fragrance. The flowers are most admirably adapted for bouquets, vases, etc., especially as they keep in good condition for a week after being cut. Easily grown. Pkt. 10 cts.

**IMPERIALIS MIXED.** The flowers are about the size of a carnation, and sweet-scented. All colors. Hardy annual; about 18 inches high. Pkt. 10c

**ANNUAL CHRYSANTHEMUMS**

**SINGLE AND DOUBLE SORTS** in finest mixture, including many varieties. Pkt. 5 cts.

**COLEUS**

**LARGE-LEAVED.** The leaves often measure 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled. Pkt. 15 cents.

**MIXED.** Many fine varieties. Pkt. 5 cts.

**DAHLIA**

Although perennials these will flower the first season if sown early.

**LARGE-FLOWERING DOUBLE MIXED,** Pkt. 10 cts.

**SINGLE, FINEST MIXED.** Very showy and fine for cut flowers. Pkt. 10c.

**DATURA CORNUCOPIA**

(Horn of Plenty)

Of robust habit, growing to a good-sized shrub in a single season. The flower is trumpet-shaped, of immense size, often 10 inches long and 5 inches wide at the mouth, with three cones or funnels, one within the other, the inside of the tube of a delicate French white, marbled with royal purple on the outside. Pkt. 5 cts.

**DIANTHUS, OR PINK**

**CHINENSIS.** (China or Indian Pink.) Finest double mixed. Pkt. 5 cts.

**HEDDEWIGI** (Japan Pink). Colors vary from the richest velvety crimson to the most delicate rose. Double mixed. Pkt. 5 cts.

**HEDDEWIGI, DIADEMATUS** (Double Diadem Japan Pink). Beautiful double flowers of varied tints of lilac, crimson-purple, to very dark purple; with the outer edges fringed and nearly white. Mixed. Pkt. 5 cts.

**IMPERIALIS** (Double Imperial Pink). Variegated. Mixed colors. Pkt. 5 cents.

**HEDDEWIGI DWARF DOUBLE HYBRIDS.** Large double flowers of perfect form and all colors from pure white to deep crimson. Pkt. 5 cts.

**SINGLE ANNUAL VARIETIES**

**EASTERN QUEEN.** Beautifully marbled; the broad bands of rich mauve on the paler surface of the petals are very striking and pretty. Pkt. 5 cts.

**CRIMSON BELLE.** As its name implies, is a rich crimson color; flowers of good substance, evenly and finely lacinated. Pkt. 5 cts.

**HEDDEWIGGII, FINEST SINGLE, MIXED.** Flowers are two to three inches in diameter. Pkt. 5 cts.

**PLUMARIUS, DOUBLE MIXED.** The favorite old Pheasant's-Eye or Grass Pinks. Pkt. 10 cts.

**DIGITALIS GLOXINIAEFLOREA**

(Foxglove)

Gloxinia-shaped flowers. A lovely type. All colors mixed. Pkt. 5 cts

**ESCHSCHOLTZIA**

(California Poppy)

Very attractive plants for beds, edgings or masses; profuse-flowering, large fine cut; in bloom from June until frost. Hardy annual. 1 foot. **MIXED,** orange, white, yellow, etc. Pkt. 5 cts.

**FEVERFEW**

**DOUBLE WHITE.** (*Matricaria Capensis*, Fl. Pl.) Bushy annual garden plant, bearing quantities of double white, button-like flowers, very useful for cutting. Pkt. 5 cts.

**GERANIUM**

**ZONALE, MIXED.** Well-known plants for pot or garden culture, flowering from seed the first season if sown early. Pkt. 10 cts.

**APPLE SCENTED.** Fragrant foliage. Pkt. 10 cts.

**GAILLARDIA**

(Blanket Flower)

The flowers are greatly admired for their rich blending of colors; they thrive well everywhere.

**PICTA LORENZIANA.**

A fine double variety, with heads 2 inches in diameter. Pkt. 5 cts.

**HELIOTROPE**

Every one loves the delightful fragrance and beauty of the Heliotrope, but very few are aware of the fact that it can be raised from the seed as easily as the verbenas. Fine mixed. Pkt. 10 cts,

**HOLLYHOCK**

For majestic growth and massive beauty the Hollyhock stands unrivaled.

**FRINGED ALLEGHENY.** A very attractive plant and totally distinct from the old type. The colors are shell pink rose and ruby red, shading off deeper at the center, and exquisitely tinted towards the edges. Pkt. 10 cts.

**DOUBLE WHITE.** Extra strain of perfectly double, pure white flowers. Pkt. 10 cts.

**FINE DOUBLE, MIXED.** Large double flowers in a great variety of colors. Pkt. 5 cts.



GAILLARDIA

**FORGET-ME-NOT**

(Myosotis)

An old favorite. It flourishes best in a moist, shady situation. Succeeds best if sown in autumn, and will then flower in early spring. Hardy perennial.

**ALPESTRIS.** Dwarf, blue, flowering freely the first year. Pkt. 5 cts

**PALUSTRIS.** The true marsh Forget-me-not. True blue, white and yellow eyes. Flowering best the second year. 1 foot. Pkt. 5 cts.

**KOCHIA**

**TRICOPHYLLA.** Summer cypress. A truly interesting quick-growing annual. The plant attains a height of 2½ feet. In the early fall the shoots are completely studded with small bright red flowers giving the plant the appearance of a huge ball of fire. Pkt. 10 cts., 3 Pkts. 25 cts.

**LARKSPUR**

**DWARF GERMAN ROCKET.** Finest double mixed. Pkt. 5 cts.

**DOUBLE STOCK-FLOWERED.** A tall, branching variety, with beautiful long spikes of flowers. Pkt. 5 cts.

**EMPEROR LARKSPUR.** Really splendid, a single plant having fifty or more erect spikes of flowers. Pkt. 5 cts.

**LYCHNIS**

(Burning Star)

Grand hardy perennials, which grow and bloom year after year, requiring no protection.

**CHALCEDONICA.** Intensely bright scarlet. Pkt. 5 cts.

**MARIGOLDS**

Well-known garden favorites of quick growth and free-flowering habit.

**AFRICAN.** Large, Tall, double; orange, brown and yellow. mixed. Pkt. 5 cents.

**FRENCH LEGION OF HONOR.** Dwarf and compact in habit, growing to a height of about 15 inches. Blooms continuously from July till cut down by frost. Bright single flowers, rich golden yellow, marked with crimson-brown. Pkt. 5 cts.

**FRENCH DOUBLE, MIXED.** All colors. Pkt. 5 cts.

**MARVEL OF PERU**

**MARVEL OF PERU.** (Four o'clocks). Mixed, Bushy annuals, 2 feet high; flowers of white, yellow, red, striped, etc. Pkt. 5 cts.

**MIGNONETTE**

(Reseda Odorata)

**SWEET SCENTED.** The fine old variety with small spikes of delightfully scented flowers. Pkt. 5c., oz. 15c.

**MIXTURE OF MANY SORTS.** Pkt. 5 cts., oz. 15 cts.

**NICOTIANA**

**SANDERAE** (Carmine-Flowered Tobacco Plant). The plants are bushy and much branched, 2 feet in height, literally ablaze with handsome carmine-red blossoms. It is as easy to grow as a Petunia. Pkt. 10 cts.

**OXALIS TROPAEOLOIDES**

Suitable for rock work, rustic baskets, etc.; largely used in parks. Flowers deep yellow, leaves brown; height, 6 inches. Pkt. 5 cts.

**NASTURTIUMS**

**DWARF TOM THUMB.** Free-flowering and very desirable for bedding, vases and pot plants. Plant seed an inch deep, in rows 1 to 2 feet apart, when the trees are starting out in leaf, thin to stand 10 or 12 inches apart, as the plants are liable to rot off in wet weather, particularly in rich soils, if planted too close together.

**TOM THUMB MIXED.** This includes many showy colors, having both light and dark foliage in mixture. Pkt. 5c., oz. 10c., 2 ozs. 15c., ¼ lb. 25c., per lb. 85c., postpaid.



NASTURTIIUMS, DWARF

**PANSIES**

For spring flowering the seed should be sown in autumn and protected during the winter. For summer blooming sow in January and February, and plant out where they will have some shade from noonday sun. Pansies require fresh soil, plentifully enriched with well-decomposed manure.



PANSY

variety of beautiful shades. Mixed. Pkt. 10 cts., ½ oz. 50 cts.

**ENGLISH.** Finest large-flowering mixed. Pkt. 10 cts.

**GOOD MIXED.** Many rich colors. Pkt. 5 cts., ¼ oz. 25 cts.

**PETUNIA**

No annual flower is more widely used than the Petunia, for both open air and under glass gardening. It begins to bloom early, and lasts the whole season, until killed by frost. It is easily cultivated but succeeds best in a rich soil and sunny situation.

**GIANTS OF CALIFORNIA.** Gigantic flowers of every conceivable shade of crimson, pink, lavender, etc. Pkt. 15 cts.

**INIMITABLE STRIPED and BLOTCHED.** Flowers with star-shaped blotches of symmetrical form, fine for bedding and window boxes. Pkt. 10c.

**LARGE-FLOWERING SINGLE FRINGED.** A superb strain of remarkable brilliancy and variety of color. Pkt. 25 cts.

**GOOD MIXED.** Many colors. Pkt. 5c., oz. 50c.

**DOUBLE PETUNIAS.** This is a mixture of the best large-flowering and fringed double Petunias. Pkt. 25c.



PETUNIA

**PORTULACA**

A favorite annual for beds, edgings, rock work, etc. Thrives best in rich light loam or sandy soil. Blooms profusely from early summer until autumn. Only 6 inches high.

**SINGLE MIXED.** Large flowers of brilliant colors. Pkt. 5c., oz. 40c.

**DOUBLE MIXED.** All colors. Flowers of the double variety make a grand display, remaining open all day in the burning sun. Pkt. 10 cts.

**PYRETHRUM**

**AUREUM** (Golden Feather). Bright yellow foliage. Pkt. 10 cts.

**ROSEUM.** (Persian Insect Powder Plant). Flowers bright rose. Pkt. 10c.

**DOUBLE POPPIES**

**WHITE FRINGED.** One of the finest white flowers in cultivation; 3 to 4 inches across, perfectly double, and the petals so cut as to make the flower appear like a ball of silk. Pkt. 5 cts.

**DOUBLE PEONY FLOWERED.** Flowers of enormous size, perfectly double, resembling a peony, and ranging through many shades of purple, red, pink, yellow and white. Always admired. Mixed. Pkt. 5 cts., oz. 20 cts.

**CARDINAL.** Very large and double; the blossoms have the appearance of balls of brilliant silk. One of the most beautiful poppies in cultivation. Pkt. 5 cts.

**SINGLE POPPIES**

**TULIP POPPY** (Papaver Glaucium). A magnificent species, producing an abundance of splendid flowers of the most vivid scarlet imaginable. Pkt. 5c.

**SHIRLEY POPPIES.** The colors range through all shade of delicate rose, pink, carmine and brilliant crimson. Many of the large single flowers are edged with white. Per oz. 50 cts., pkt. 5 cts.

**PHLOX DRUMMONDII**

No garden should be without a bed of these, sown in the open ground during March and April. They produce a perfect blaze of brilliant colored flowers until cut down by frost. For a splendid mass of colors and a constant display this is not excelled by any other annual.

**FINE MIXED.**  
All colors. Pkt.  
5c., oz. 50c.

**DRUMMONDII GRANDIFLORA.**  
Finest mixed. These are a decided improvement on the old class, with much larger flowers, a better range of colors, and more compact growth. Pkt. 10 cts., oz. 75 cts.



PHLOX DRUMMONDII

**RICINUS**

(Castor-Oil Bean)

**ZANZIBARENSIS.** The handsomest strain of castor oil bean. Leaf sometimes 2 feet across, with stem rising 10 to 14 feet. Each plant makes a perfect pyramid of foliage, with gigantic leaves. Per oz. 20c., pkt. 5c.

**MIXED.** Many varieties. Per oz. 20 cts., pkt. 5 cts.

**SALVIA**

**SPLENDENS** (Scarlet Sage). The long spikes of vivid scarlet are borne in such profusion as to fairly hide the foliage; a single plant will carry as many as two hundred spikes of flowers, each 10 inches long. Per ¼ oz. 50 cts., pkt. 10 cts.

**SALPIGLOSSIS**

Beautiful garden annuals about 18 inches high, bearing large Petunia-like flowers of gorgeous colors, laced and veined. Large-flowering, mixed colors. Pkt. 10 cts.

**SCABIOSA OR MOURNING BRIDE**

**LARGE FLOWERING.** Flowers average 3 inches across, very double; valuable for bouquets. Many colors mixed. Pkt. 5 cts.

**STOCKS. TEN WEEKS**

**WHITE PERPETUAL** (Cut and Come Again; Princess Alice). A pure white double variety, about 2 feet high, producing endless numbers of side branches. Every branch bears a cluster of delightfully fragrant flowers, and new ones are produced to replace those which are removed. Pkt. 15 cts., 2 pkts. 25 cts.

**LARGE-FLOWERING DWARF.** All choice double large-flowering. Mixed. Pkt. 5 cts.

**SUNFLOWER**

**CHRYSANTHEMUM-FLOWERED.** Grows seven feet high. Magnificent flowers 6 to 8 inches in diameter, densely double, the petals long and fringed. The flowers are so perfect in form that they resemble very double Chrysanthemum-flowered Asters with long stems. Pkt. 10 cts., oz. 25 cts.

**STELLA.** Height 3 to 4 feet. Flowers star-shaped, of brightest golden yellow, with dark centres. They are borne on long stems, and are suitable for cutting. Bloom continues from June until frost. Pkt. 5 cts., oz. 25 cts.

**SWEET PEAS**

(See page 21)

**SWEET WILLIAM**

Exceedingly beautiful and showy plants, producing an abundance of rich colored flowers throughout the season. These old fashioned favorites thrive in any good garden soil and form fine clumps which last for years.

**FINE SINGLE MIXED.** Various beautiful shades and markings. Pkt. 5c.

**FINE DOUBLE MIXED.** A splendid strain. All colors. Pkt. 5 cts.

**VINCA**

(Madagascar Periwinkle)

A tender perennial plant blooming the first season. Adapted to window or open garden, making a fine show in the border; 18 inches. Flowers 1½ inches across. Mixed colors. Pkt. 5 cts.

**VIOLET**

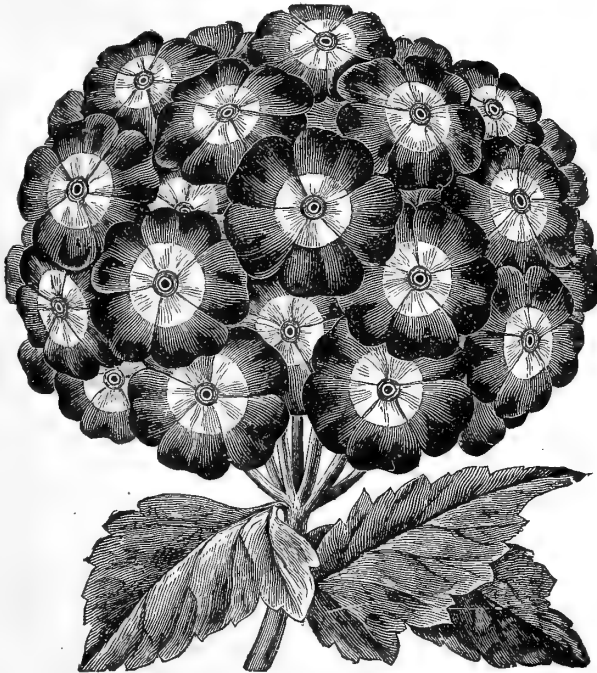
(Viola odorata)

Well-known, fragrant, early spring-blooming plants. They thrive best in summer in a shady situation in a rich, deep soil. Hardy perennials.

**SINGLE BLUE.** The old-fashioned sort. Pkt. 10 cts.

**VERBENAS**

Verbenas are one of our best annuals, and by many people are preferred to the Phlox, Aster or Pansy. The display they give during the summer is equalled only by the Phlox.



VERBENA

**PURE WHITE (Sea Foam).** Large and sweet-scented. Pkt. 10 cts.

**SCARLET.** Brilliant; fine for bedding. Pkt. 10 cts.

**PINK SHADES.** This new mammoth strain embraces remarkably lovely tints from light and dark rose to deep carmine. Pkt. 10 cts.

**PURPLE and BLUE.** Pkt. 10 cts.

**VERBENA HYBRIDA.** Fine mixed. Of the richest colors and finest varieties. Pkt. 5 cts., ¼ oz. 20 cts.

**ZINNIA**

Hardy annual bedding plants; 1 to 3 feet high. Suited to all situations and soils. The bloom is always gay and profuse, and the color range endless. No flowers are more showy. Sow seed in open ground, and transplant or thin out to 1 foot apart

**GIANT FLOWERING.** Mixed colors. This mixture includes all the best and largest types. The immense, perfectly double flowers of various striking colors bloom during a long period. Plants grow 3 feet high. Pkt. 10 cts.

**TALL DOUBLE MIXED.** Many choice and beautiful colors. Pkt. 5c.

**DWARF DOUBLE MIXED.** Compact bushes, bearing small perfectly double flowers of the brightest colors. Pkt. 5 cts.

**EVERLASTINGS**

**ACROCLINIUM ROSEUM.** A graceful annual border plant, 1 foot high. Valuable for winter bouquets and decorations. Pkt 5 cts.

**AMMOBIUM ALATUM GRANDIFLORUM.** The largest flowering sort; produces an enormous crop of white flowers. Pkt. 5 cts.

**GOMPHRENA (Globe Amaranth).** Garden annual, 2 feet high, bearing large Clover-like heads of purple or white flowers. Mixed colors. Pkt. 5 cts.

**RHODANTHE.** A very pretty annual about 1 foot high. Colors are white, pink, crimson, etc. Flowers bell-shaped; beautiful when dried. Suitable for pot culture. Finest mixed. Pkt. 10 cts.

**XERANTHEMUM.** Showy, double, free-flowering border plants. Pkt. 5c

**VINES AND CLIMBERS**

**BALLOON VINE ("Love-in-a-Puff").** A rapid growing annual climber. Succeeds best in light soil and warm situations, flowers white. Seed vessels look like miniature balloons. 5 feet. Pkt. 5 cts.

**BRYONOPSIS Laciniosa.** An annual climber of the gourd class, with ivy-like leaves. Young fruit green striped with white. Mature fruit scarlet striped with white. Yellow flowers. Pkt. 5 cts.

**CANARY-BIRD FLOWER.** This is one of the most beautiful of climbers, with handsomely fringed rich yellow flowers and delicate foliage. Pkt. 5 cts.

**CYPRESS VINE.** Popular annual climber, 15 to 20 feet high, with feathery foliage and clusters of star-like flowers.

**Scarlet.** Intensely rich scarlet. Pkt. 5c.

**White.** Purest paper-white. Pkt. 5c.

**Mixed.** Per oz. 25 cts., pkt. 5 cts.

**DOLICHOS (Hyacinth Bean).** A rapid growing climber of easy cultivation, bearing a profusion of pea-shaped blossoms. LABIAB mixed, pkt. 5 cts.

**GOURD, ORNAMENTAL.** Rapid-growing and interesting plants, with ornamental foliage and singularly shaped fruit. Tender annual. 15 to 20 ft.

**Dipper-shaped** ..... Pkt. 5c.  
**Nest Egg, white egg-like fruits** ..... Pkt. 5c.  
**Luffa.** Dish rag. The fibrous interior can be used as a sponge. .... Pkt. 5c.  
**Hercules' Club, green fruits 2 to 5 feet long** ..... Pkt. 5c.  
**Mixed ornamental varieties, all the above and many others.** ..... Pkt. 5c.

**HUMULUS. Japonicus (Japan Hop).** A rapid-growing climber, with luxuriant foliage, excellent for covering verandas, etc. Pkt. 5 cts.

**Japonicus, variegated.** A variety of the above; leaves beautifully mottled with white. Pkt. 5 cts.

**LINARIA CYMBALARIA (Kenilworth Ivy).** A widely loved hardy perennial trailing plant, with small lavender and purple flowers. For baskets, vases and rockeries. A charming little vine. Pkt. 10 cts.

**MAURANDIA.** A tender, climbing perennial, suitable for hanging baskets or for the greenhouse. Elegant alike in flower and foliage. For outdoor culture treat as an annual. Finest mixed, pkt. 5 cts.

**MOMORDICA BALSAMINA (Balsam Apple).** Annual climber, 15 feet, bearing ornamental orange-colored fruits with red interiors. Pkt. 5 cts.

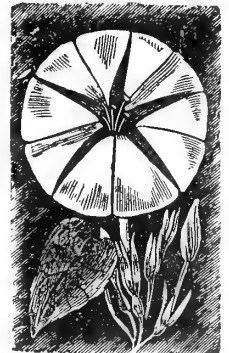
**MOONFLOWER. Grandiflora white.** One of the most showy of the annual climbers. The vines are almost covered with thousands of immense white flowers, many measuring six inches across. Pkt. 10 cts.

**Leari (Blue Dawn Flower).** Splendid bright blue; grows in large clusters. Per packet 10 cts.

**MORNING GLORIES. Fine Mixed.** A great variety of colors of the popular old-fashioned Morning Glory. Pkt. 5 cts., oz. 10 cts.



BRYONOPSIS



MOONFLOWER

## VINES AND CLIMBERS, Continued.

**Imperial Japanese.** The robust vines attain a height of from 30 to 50 feet. The foliage is luxuriant, distinct and varied, green, silvery and yellow leaves; many are mottled light and dark green, white and gray. The colors of the flowers, shadings and markings are limitless. Some are of deep, rich, velvety colors, others daintily tinted and shaded. There are reds from soft rose to crimson and garnet; daintiest blue to purple; snow-white to silver-gray. Some are striped, blotched and spotted; others have magnificent edges and throats. They measure from 4 to 5 inches across. Mixed colors, oz. 20 cts., pkt. 10 cts.

**NASTURTIUMS.** Mixed Tall. Of many bright colors; very effective when planted in long rows or masses. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., 1 lb. 80c.

**SMILAX.** Tender perennial twiner of neat growth, clothed from base to summit with small glossy green leaves. Pkt. 5 cts.

**THUNBERGIA.** (Black-Eyed Susan.) An ornamental rapid growing annual climber; an old time favorite. Excellent for vases, trellises rustic work or greenhouse decoration. Flowers buff, orange, white, etc.; height, 6 feet. Fine mixed. Pkt. 5 cts.

**WILD CUCUMBER VINE.** A fast growing annual vine of the gourd family. Grows 20 or 30 feet in a season. Excellent for trellises, fences and arbors. White fragrant flowers; prickly seed pods. Pkt. 5 cts.

## SWEET PEAS

All at the uniform price of 5 cts. per pkt.; any seven packets for 25 cts. 10 cts. per oz.; any four ounces for 25 cts. Prices net, except where otherwise priced, each variety is sold at 20 cts. per  $\frac{1}{4}$  lb.; 60 cts. per lb., postpaid. By express, not prepaid, 50 cts. per lb.

**Mont Blanc.** Pure white; very early.  $\frac{1}{4}$  lb 25c.,  $\frac{1}{2}$  lb 40c., 1 lb 75c., postpaid. By express, 65c. per lb.

**Dorothy Eckford.** Large size pure white flowers.  $\frac{1}{4}$  lb 25c,  $\frac{1}{2}$  lb 40c, 1 lb 75c. By express 65c per lb.

**Mrs. Eckford.** Beautiful shade of light primrose.

**Apple Blossom.** Soft rose and pink.

**Prima Donna.** Lovely soft pink.  $\frac{1}{4}$  lb 25c,  $\frac{1}{2}$  lb 40c, 1 lb 75c. By express, 65c per lb.

**Prince of Wales.** A self-colored deep rose tint.

**Lady Mary Currie.** Rosy lilac and orange pink.

**Blanch Ferry.** The old-fashioned but ever popular pink and white.

**Blanch Ferry—Extra Early.** Ten days earlier.

**Salopian.** Scarlet; one of the best.  $\frac{1}{4}$  lb 25c,  $\frac{1}{2}$  lb 40c, 1 lb 75c. By express, 65c per lb.

**Othello.** Very deep maroon.  $\frac{1}{4}$  lb 25c,  $\frac{1}{2}$  lb 40c, 1 lb 75c. By express, 65c per lb.



IMPERIAL JAPANESE

**Mrs. Jos. Chamberlain.** Rose striped on white.  
**Lottie Eckford.** Silvery white, beautifully edged with lavender.  
**Lady Grisell Hamilton.** Very pale lavender.  $\frac{1}{4}$  lb 25c,  $\frac{1}{2}$  lb 40c, 1 lb 75c. By express 65c per lb.  
**Mrs. Walter Wright.** Mauve to reddish violet.  $\frac{1}{4}$  lb 25c,  $\frac{1}{2}$  lb 40c, 1 lb 75c. By express, 65c per lb.  
**Navy Blue.** Deep violet purple.  $\frac{1}{4}$  lb 25c,  $\frac{1}{2}$  lb 40c, 1 lb 75c. By express, 65c per lb.

**Eckford's Hybrids Mixed.** This is a mixture of many of the Eckford sweet peas. While not including the varieties of recent introduction, it is well worth the planting of a large area. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb 25c,  $\frac{1}{2}$  lb 40c, 1 lb 75c., postpaid. By express, 65c per lb.

**Countess Spencer Seedlings.** This is distinctly a new type of Sweet Peas. The stems are unusually long and stiffly erect, bearing three and four flowers, and during cool weather as many as five flowers on a single stem, all facing one way. The wings and standards are of large size, in exquisite tints, from orange pink to pale pink, and white with pink edging, and their graceful fluffiness adds greatly to this delicacy of color. Pkt. 10c, oz. 15c, 2 ozs. 25c,  $\frac{1}{4}$  lb. 40c.



SWEET PEA, DOROTHY ECKFORD

## RAFFIA AND REEDS FOR INDIAN BASKET WORK.

The greatest interest in Indian basket making has created a big demand for Raffia. It is quite a fad at present. It has drawn the attention of schools, kindergartens and the public in general to the art of basket making. It is not only a means of training classes, but owing to the almost unlimited range of possibility in this work, a most fascinating pastime as well as lucrative employment for ladies and children.

**RAFFIA, or RAPHIA.** Raffia is the Malagay name of a palm which furnishes a staple article of commerce called Raffia fiber, 2 to 5 feet in length, like the leaves of the sugar-cane, and which, after being dried in the sun, assumes a light straw color. It is as soft as silk, very strong and will keep in good condition indefinitely. The Raffia in colors (all of which are fast) which we offer has been colored by expert dyers. Natural light straw color,  $\frac{1}{4}$  lb. 15 cts.,  $\frac{1}{2}$  lb. 20 cts., lb. 30 cts.; colored,  $\frac{1}{4}$  lb. 20 cts.,  $\frac{1}{2}$  lb. 35 cts., lb. 60 cts. Postage 16 cts. per lb. extra.

**REEDS.** (commonly known as Rattan). This is a kind of palm which grows in the forests of India. It is imported into this country, stripped of leaves and bark and split into round or flat strips of various sizes by the manufacturers, No. 1 being the finest. Nos. 2, 3 and 4 are the sizes mostly used for small baskets, and Nos. 3, 4, 5, 6 and 7 for scrap baskets. Used for making baskets, and as a foundation for weaving of Raffia. Oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1. If by mail, add 2c. per oz., 5c. per  $\frac{1}{4}$  lb., 16c. per lb. for post age.

We can furnish a book telling all about how to make baskets. Price 25 cts.



"Our Motto"—TRUE MERIT, LIKE THE FRAGRANCE OF THE ROSE, CANNOT BE CONCEALED



# Choice List of Seeds for the Farm

## SELECTED SEED CORN OUR SPECIALTY SAMPLES MAILED ON REQUEST.

By far the most important question that comes before the farmer each year is the selection of his Seed Corn. We realize this, and it has been our purpose for years to aid him in this particular matter, of which we make a specialty; and it is gratifying to us to know that we are succeeding, as is shown by the ever-increasing hundreds of letters we receive annually from our customers, bearing voluntary evidence to this effect. Knowing how important it is to supply only the best in this line, we have spared no effort to secure the most valuable varieties grown, and which have been tried and proven themselves to be what we claim for them. The farmer has the benefit of our experience and we know that his best interest is also ours. Last season we had such a demand for selected native-grown Seed Corn that we have had several thousand bushels grown for us under contract by some of our most careful North Texas farmers. Besides native-grown seed corn, we will also handle seed corn grown in Oklahoma, Kansas, Illinois and Missouri. This corn matures earlier than the native-grown and is preferred by a great many people. If you will plant some of this corn every month from February to July, you will raise corn in any season. It is also best for replanting. Our Seed Corn is carefully selected by growers who are experts in this line or business, and can be relied upon to give the best possible results. The United States Department of Agriculture says, in its recently issued year Book, that "properly grown and selected seed will often produce 15 bushels more corn per acre than unselected seed of the same variety," and this statement is based upon experimental tests, on a large scale, extending through a long period of time.

We have made arrangements with Funk Bros., of Bloomington, Ill., who are the largest breeders of thoroughbred Seed Corn in the world, to have the exclusive sale of their celebrated Seed Corn in Texas. Numbers of our customers probably saw their beautiful exhibit at the State Fair.

We are also State Agents for the 101 Live Stock Co., of Bliss, O. T., for their famous Seed Corn.

Prices on all Corn, except where otherwise noted: By mail, postpaid, lb. 20 cts., 3 lbs. 50 cts., by express or freight, pk. 50 cts.,  $\frac{1}{2}$  bu. 80 cts., bu. \$1.50, 2 bu. \$2.90, 5 bu. \$7.00, 10 bu. \$13.50. Purchaser pays freight or express charges. As prices on Seed Corn fluctuate a good deal, would like you to write for prices in larger quantities.

**IMPORTED DWARF MEXICAN JUNE CORN.** We are the introducers of this famous corn in Texas. There is a great deal of Corn being sold by irresponsible parties under the name of Mexican June Corn which has proven to be a complete failure in Texas, and on this account some people think that Mexican June Corn is no good. Large quantities of common corn was imported from Mexico last year and sold for Mexican June Corn, which was a complete failure. There are two distinct types of the Mexican June Corn. One has a large grain, is very late in maturing and grows from 15 to 20 feet high, and on this account is not adapted to Texas. The genuine Mexican June Corn has a medium-size grain and is grown in only one part of Mexico, from which we get our supply. This Corn grows only from 6 to 8 feet high, and matures 30 days earlier than the tall-growing variety. We planted some of this Corn last year on July 15, and had first-class roasting-ears by Sept. 15. We feel satisfied that this Corn can be planted up to August 1, and make good Corn in a favorable season. Can furnish the tall later-growing variety when wanted. We have been getting our Seed Corn of this variety from the same grower in Mexico for years, and if you plant this variety this season you will be pleased with results. June and July are the best months to plant. We sold 20,000 bushels of this famous Corn in 1903. It is a money-maker for the farmer and it can be planted in June and July on oats and wheat stubble and make a first-class crop, giving two crops on the same land. Just the thing for the market-gardener, making roasting-ears at the season of the year when they are scarcest and bring the highest prices. Buy your seed from the introducers and be sure of getting the genuine article. Lb. 25 cts., 3 lbs. 50 cts., postpaid; pk. 60 cts.,  $\frac{1}{2}$  bu. \$1.10, bu. \$2.00, 5 bu. \$9.00, 10 bu. \$17.50.

**IOWA SILVER MINE.** The type of this Corn is even and uniform; ears measuring from 8 to 12 inches and about 7 inches in circumference, weighing one and often as much as one and one-half pounds, are not uncommon. The ears are of very uniform size and shape, with 16 to 20 deep rows (usually 18) of pure, deep, white kernels set on a small white cob. It is early matured, last year in 90 days from the time it was planted. The cob dries out rapidly, so that it is ready for market or for cribbing earlier than any large white Corn in existence. Seventy pounds in the ear will shell 62 pounds of Corn to 8 pounds of cobs. It is adapted to a wider range of soil and climate than any other sort of Corn offered. It is in every way a distinct type of Corn. Pk. 50 cts.,  $\frac{1}{2}$  bu. 80 cts., bu. \$1.50, 2 bu. \$2.90, 5 bu. \$7.00, 10 bu. \$13.50.



### HICKORY KING.

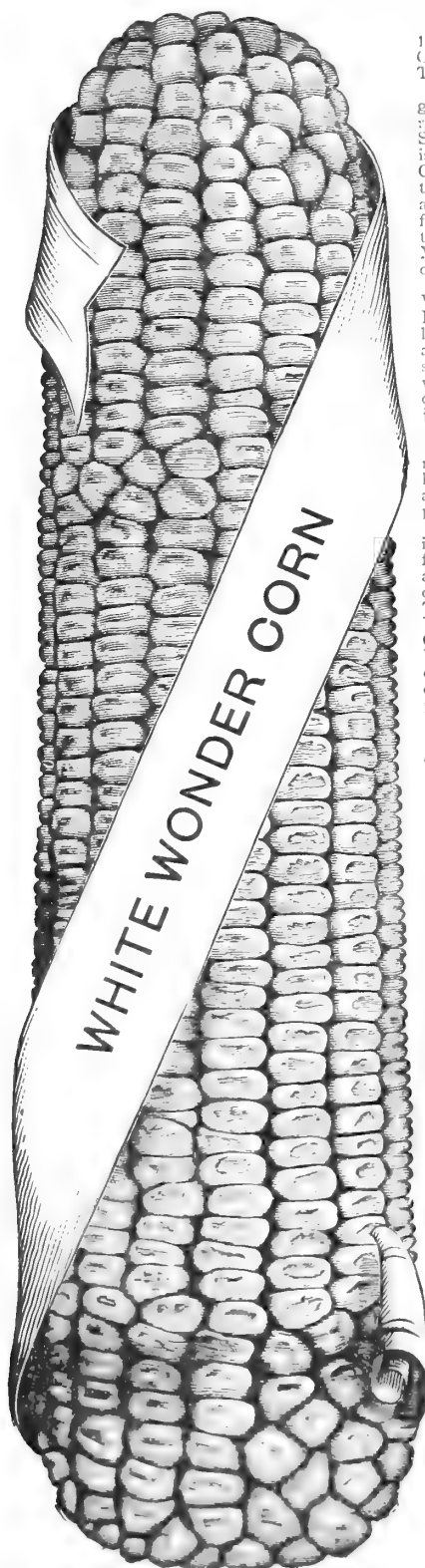
This corn is always in big demand and on this account we often run short so advise early orders. Has the largest grains with the smallest cob of any white corn ever introduced. So large are the grains and so extremely small the cob that on an ear broken in half a single grain will almost completely cover the cob. It makes a splendid quality of corn meal and is "just the thing" for cattle feeding, as it is almost all corn. It matures in 100 days. Pk. 50 cts.,  $\frac{1}{2}$  bu. 85 cts., bu. \$1.60, 2 bu. \$3.10, 5 bu. \$7.50, 10 bu. \$14.00.

### GOLDEN BEAUTY. (100 days.)

The ears are of perfect shape, with from 10 to 14 straight rows of bright golden yellow grains; remarkable in size, and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ears, and in every respect as perfect a type as it could be possible to have. Golden Beauty matures early, ripening in 100 to 110 days from planting, and surpasses all in size and beauty of grain. Pk. 50 cts.,  $\frac{1}{2}$  bu. 80 cts., bu. \$1.50, 2 bu. \$2.90, 5 bu. \$7.00, 10 bu. \$13.50.

**CHAMPION EARLY PEARL.** An extra-early pure white variety of the Dent section; very productive and exceedingly heavy, maturing in 85 to 95 days from the time of planting. The grains are extra deep and wide; two of them will more than span the cob, which is very small. A great favorite with all who want early Corn. Pk. 50 cts.,  $\frac{1}{2}$  bu. 80 cts., bu. \$1.50, 2 bu. \$2.90, 5 bu. \$7.00, 10 bu. \$13.50.

## Oklahoma-Grown Seed Corn.



The following four varieties of Seed Corn are grown for us by 101 Live Stock Co., of Bliss, Okla., for whom we are state agents. Oklahoma-grown Seed Corn we find gives splendid results in Texas.

**WHITE WONDER.** We sold about 3,000 bushels of this grand Corn in Texas the past season, and it has given splendid results wherever planted. This variety took first prize at the State Fair the past season. The 101 Ranch farm, 12,000 acres, is all devoted to Corn and wheat. They have tried all varieties of Corn and find that the White Wonder gives the best results, and they are now growing practically their whole Corn crop of 5,000 acres in this variety. In favorable seasons this Corn will yield from 80 to 100 bushels per acre, while other Corn makes from 35 to 50 bushels. Is the only early variety that matures large ears. Mr. Miller, the superintendent of the 101 Live Stock Co., says of this Corn:

"After trying many varieties of Corn, we have found that the White Wonder gives the best satisfaction in yield and quality. It ripens at the same time as the earliest varieties, and is the only large-eared Corn that we know of that does ripen so soon. Being a luxuriant and rapid grower, it shades the ground early in the season, thus conserving the moisture and enabling the Corn to withstand the drought. In selecting the ears for seed we have chosen them from stalks having broad leaves and short, heavy joints, until this has become a fixed characteristic of the White Wonder."

For feeding purposes this Corn has no equal. The grains are not hard and flinty, but are easily masticated. No other variety has more fattening qualities, as the analysis of this has shown, and consequently there is no better feeding Corn. It is also pronounced the very best for milling purposes.

The price is very reasonable, considering what common Corn is worth this season. It will pay you to order enough of our seed for your entire planting. Put your whole crop in White Wonder and have enough to sell to all your neighbors next year and be one year ahead. A bushel of Corn will plant seven to nine acres. That is only about fifteen to twenty cents per acre for the seed. You will be out no more in cultivating good Corn than poor Corn, and in the end will make from 10 to 20 bushels more per acre. You will not have to figure long to find that this 10 to 20 bushels of Corn will thus cost about fifteen or twenty cents, or about a cent a bushel for the extra gain. Certainly it will pay you to plant the White Wonder. Pk. 50 cts., bu. \$1.50, 2 bu. \$2.90, 5 bu. \$7, 10 bu. \$13.50.

TEXAS SEED AND FLORAL CO., Dallas, Texas. EAGLE LAKE, TEX.  
DEAR SIR:—The White Wonder Seed Corn I purchased from you last spring made the best Corn I have raised since 1891. I did not plant till April 18, and will make 60 bushels per acre on common prairie land.  
F. G. SMITH.

**INDIAN CHIEF.** This is the most beautiful large-grained red Corn we have ever handled. Large ears of very handsome appearance. This variety is an enormous yielder. During the past season we were unable to supply the enormous demand for it. This year we have arranged for an extra quantity and hope to supply all desiring to try it. However, send in your order early. Pk. 50 cts., bu. \$1.50, 2 bu. \$2.90, 5 bu. \$7.00, 10 bu. \$13.50.

**GOLDEN BEAUTY.** This is the most beautiful large-grained yellow Corn grown. A standard variety, and always gives the best satisfaction. Bu. \$1.50, 2 bu. \$2.90, 5 bu. \$7.00, 10 bu. \$13.50.

**SQUAW.** We sold quite a lot of this Corn in Texas the past season, and it has certainly come to stay. Some of our farmers say it is the best Corn they ever planted. Samples have been brought to us having five well-developed stalks, with two to three ears on each, all grown from one grain. This Corn can be planted in spring and summer and makes two crops. A great many people prefer it to Mexican June Corn. Makes splendid roasting-ears. Don't fail to try it this year. It has a small, long ear, and is the original Indian Corn. The grains are peculiar, some being red, blue, speckled and white—more blue than any other color; has very plump grains, and always fills out in any season; matures in 70 days, and should be tried by every grower. We recommend it very highly, especially for late planting. Pk. 50 cts., bu. \$1.50.

COLUMBUS, TEXAS.

TEXAS SEED AND FLORAL CO., Dallas, Texas.

GENTLEMEN:—The Corn I got from you last winter surpassed any other that was planted in this community.

Yours truly,

J. A. CARTER

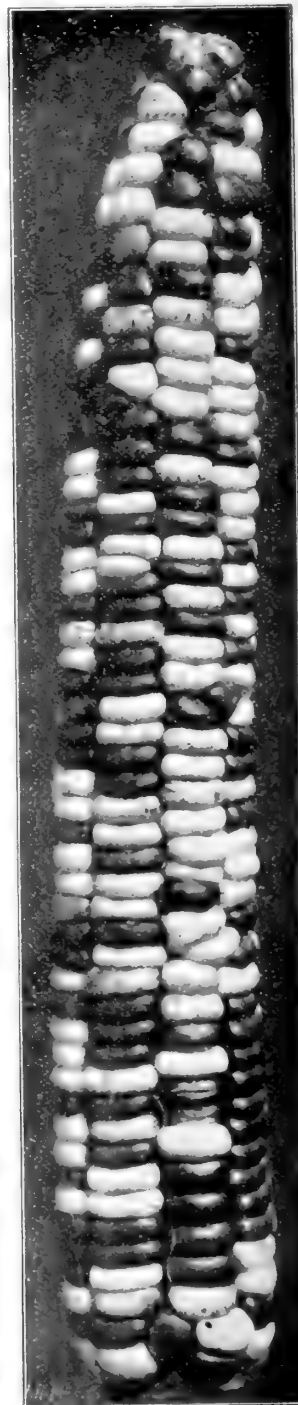
PORT LAVACA, TEXAS.

TEXAS SEED AND FLORAL CO., Dallas, Texas.

GENTLEMEN:—I made Corn from your seed last year, when everybody else's failed.

Yours truly,

G. R. THAYER.

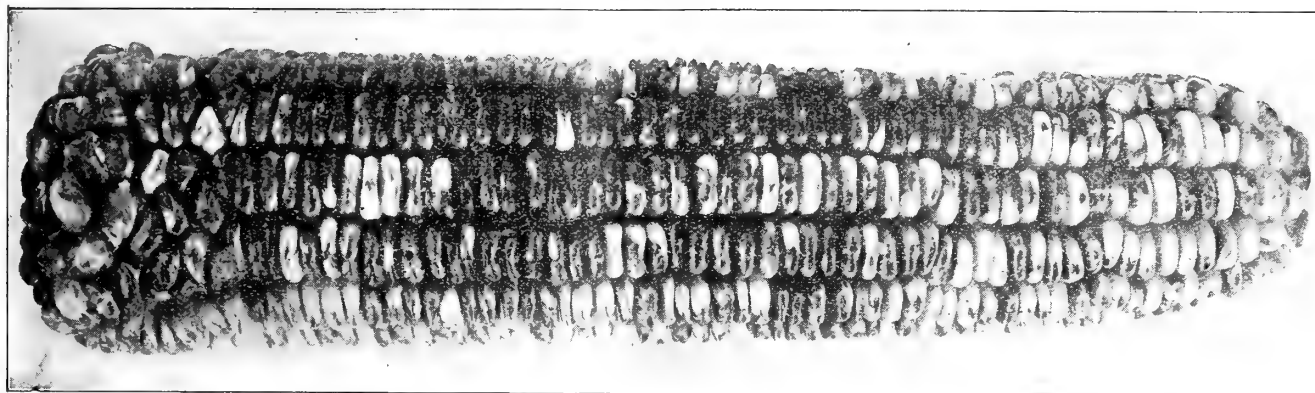


SQUAW CORN

## Texas-Grown Seed Corn

As a great many of our customers want native grown seed Corn, we have made arrangements with some of our best North Texas farmers to supply us with selected seed Corn, and will have a good stock of White, Red, Yellow, Strawberry and June Corn.

THERE IS NO FINER FEED FOR CATTLE THAN MANGEL-WURZELS. TRY THEM THIS SEASON.



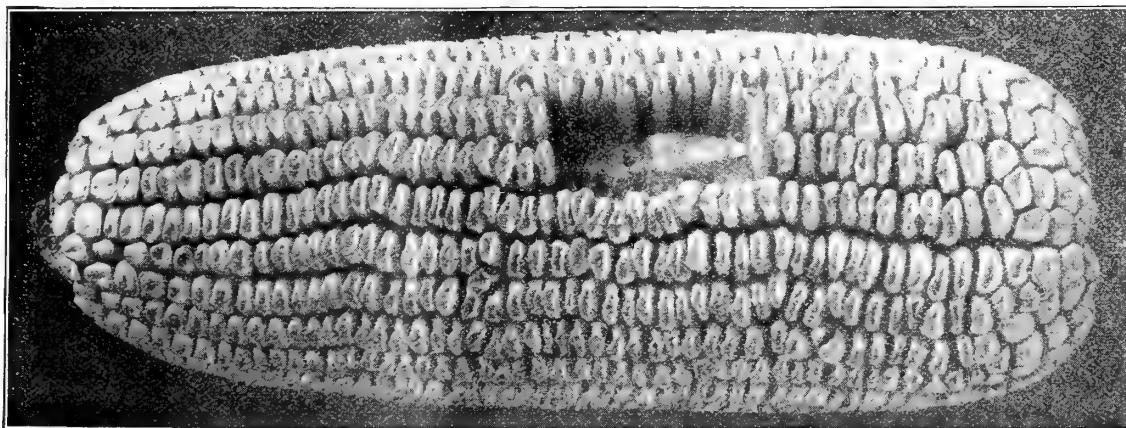
TEXAS GIANT STRAWBERRY

### TEXAS-GROWN SEED CORN—Continued.

**TEXAS GIANT STRAWBERRY.** Is enormously productive and is one of the best feeding varieties of corn grown. Bu. \$1.50, 2 bu. \$2.90, 5 bu. \$7.00, 10 bu. \$13.50.

**MEXICAN JUNE CORN.** We have secured a good supply of this celebrated Corn which has given such fine results in Texas. Should be planted in June and July for best results. Yields from 40 to 75 bushels per acre under favorable conditions. Grows about seven to eight feet high usually, or a little taller than ordinary Corn. Peck 50 cts., bu. \$1.50.

**TEXAS GIANT GOURD SEED CORN.** The best drought-resister known, except Mexican June Corn. It has a very large ear, usually measuring 9 1/4 to 11 inches in circumference and 7 to 10 inches in length. Often has twenty-eight rows of kernels to the ear. The kernels often measure 3/4 inch in length. It is excellent for roasting ears or meal, the meal being pure white. Seldom more than one ear to a stalk. Matures in about 120 days. Makes a very large stalk of medium height. Yields from 50 to 75 bushels per acre. Pk. 60 cts., 1/2 bu. \$1.10, bu. \$2.00, 5 bu. \$9.25, 10 bu. \$17.50. Samples mailed on request.



TEXAS GIANT GOURD SEED CORN

**TEXAS GIANT RED.** This is a big-grained Red Corn which is very productive and very popular with a great many people. Pk. 50 cts., bu. \$1.50, 5 bu. \$7.00, 10 bu. \$13.50.

**TEXAS GIANT WHITE.** This is a beautiful large grained white seed Corn of the finest quality. Yields from 50 to 75 bushels per acre of fine corn. Selected North Texas grown hand shelled seed. Pk. 50 cts., bu. \$1.50, 5 bu. \$7.00, 10 bu. \$13.50.

**MARLBORO PROLIFIC.** For description, etc., see Specialties. Price, Qt. 30 cts., postpaid. By express or freight, qt. 15 cts., 2 qts. 25 cts., pk. 65 cts., bu. \$2.25, 5 bu. \$10.50, 10 bu. \$20.00.

**TEXAS GIANT YELLOW.** This is a beautiful large grained Corn that produces enormous crops of the finest quality. Selected North Texas grown, hand shelled seed. Pk. 50 cts., bu. \$1.50, 5 bu. \$7.00, 10 bu. \$13.50.

## Funk Bros. Selected Seed Corn, Pure Bred Varieties

Until recently little attention had been paid to increasing the productivity of the Corn plant by scientific methods. Simple selection, that is the selection of the largest and best appearing ears had long been practiced, but it remained for someone to place selection on a purely mathematical basis and to arrange a system of breeding whereby the actual performance record could be kept and selections made from only those strains of Corn which, by actual test gave the largest yield per acre. This work was started several years ago by Funk Bros. Seed Company of Bloomington, Illinois, and the results have shown that the work has been along the right lines.

Their method of breeding is based upon the fact that in the plant world as well as in the animal world everything is susceptible of improvement, when the inherent qualities of the parents are under control. For example, it is found to a certainty that one ear of corn has the hereditary tendency to produce a large yield, then it is a simple matter to fertilize the progeny of that ear with pollen taken from the progeny of a like ear having the same tendency. And by eliminating the pollen of those ears not having the inherent tendency to produce large yields, to produce by degrees a strain of corn in which the only tendency is increased productiveness.

To produce and develop such strains, Funk Bros. employ the following methods, together with some not given here. These methods are described as accurately and simply as possible.

The initial step taken, was to inaugurate a system by means of which another ears could be registered and tested and their performance record (of yield) made traceable through many generations of breeding.

The plots of ground whereon these tests are made are designated "Breeding Blocks." All of these blocks are located, so as to prevent the pollen of other corn mixing with the "Breeding Ears,"

In each of these blocks are planted some eighty to one hundred ears of the same variety which are being bred for large yield. The rows are all numbered as are the ears, and the row number set down in the record of each ear.

A mother ear is planted only in one row by itself. The germination taken; the number of stalks and hills counted before harvesting; the seed is harvested; the ears counted and weighed. The total yield per row gives the basis for figuring the yield per acre. Breeding ears are selected only from the eight or ten rows giving the greatest yield and the largest average ear.

By these methods it will easily be seen that only the corn showing the best performance record (in yield) ever gets beyond the Breeding Block, into the hands of the seed buying public.

We are state agents for Funk Bros. Seed Company, for their Pure Bred Seed Corn.

Before Funk Bros. made any attempt to push their seed corn in Texas, it was thoroughly tested in several different parts of the state and found to produce from 25 per cent to 100 per cent more than the native corn grown in these sections.

Their exhibit at the Texas State Fair at Dallas this fall, created a great deal of comment and attracted the best corn growers from all over the state. At San Antonio a diploma was given them for showing the best bred corn, no premium class being open to corn growers outside of the state.

**FUNK'S YELLOW DENT.** Ears 8 to 11 inches long, 7 to 8 inches in circumference. 18 to 24 rows of kernels, each row containing 50 to 60 kernels. The cob carries a large amount of corn, shelling 88 to 90 per cent grain. The kernels are moderately rough, rather narrow, medium long, setting very closely together, no lost space between rows. This variety is a vigorous grower, stalks 8 to 12 feet high, heavy below the ear and does

**FUNK BROS. SELECTED SEED CORN—Continued**

not blow down easily. Has an abundance of foliage and makes an excellent fodder corn, as it cures completely in the shock, retaining its natural green color. For an all-purpose corn it is incomparable.

**GOLD STANDARD LEAMING.** This is the oldest variety of corn known, having been originated in 1826 by J. S. Leaming. It has been bred to a rich deep golden color, great uniformity, large slightly tapering ear, well filled at the butt and tip. Ears 8 to 11 inches long,  $7\frac{1}{2}$  to 8 inches in circumference, weigh from 12 to 17 ounces each. By actual chemical analysis it is shown that this variety contains more oil and protein than any other grown, making it the ideal corn for the cattle feeder. All kinds of stock like it. Four bushels of Gold Standard Leaming corn will put as much fat on a hog or steer as five of ordinary corn.

Port Lavaca, August 15th, 1906.

The Squaw Corn I got from you beats anything in corn I ever planted. It made from three to five ears to the bunch of stalks. I planted the first of March and in April we had one shower of rain. On May 15th I pulled roasting ears; on June 10th I gathered the corn. Some ears measured 12 inches in length filled out to the end.

I have had a great many inquiries about that corn for dry weather. I think it beats the June corn. (Signed) JOHN A. GARNER.

**FUNK'S 90 DAY.** For a combination of earliness and large yield, this corn has no superior. This is a medium sized early yellow dent with deep oil grain and small cob. A heavy yielder, shells out well and of the best quality. It is especially recommended for first planting or for planting in June or July on oats and wheat stubble.

**BOONE COUNTY SPECIAL.** A highly bred white corn containing a high percentage of oil. Ears large, weighing from 12 to 18 ounces. Cob medium to large. Kernels are white, medium rough and very deep. For milling purposes it has no equal. Boone County Special is the corn for all kinds of soils and seasons. It is the greatest yielding corn known.

**FUNK BROS.** send out all of their seed corn in sealed bags under their own brand and guarantee.

Customers who are not satisfied with this corn, upon receipt of same may return to us and have their money refunded, if this is done within ten days. We cannot be responsible for goods held longer than this as they may be subject to weather conditions over which we have no control.

**Price of the Above 4 Varieties.** Peck 75 cts.,  $\frac{1}{2}$  bu. \$1.25, 1 to 5 bu. \$2.00 bu., 6 to 15 bu. \$1.85 bu., 16 to 50 bu. \$1.75 bu.

TEXAS SEED AND FLORAL CO., DALLAS, TEXAS.

ODDS, TEXAS.

GENTLEMEN:—The Mexican June Corn seed I purchased from you for myself and others has done well; made fine corn, while that purchased from local dealers and others has proved a failure. All are pleased.

Respectfully, W. J. WILKIN.

## FORAGE CROPS FOR TEXAS

**Importance of, and when to plant.** There is certainly nothing to which our farmers should give more attention in this state than the question of a large forage crop. A few years ago, when the farmer planted his corn in the spring, if there came a dry season and his first planting was a failure, he did not think it worth while to try again that season, consequently when winter came he was without feed or money to purchase same. Now we are glad to say all this is changed; our progressive farmers are planting an assortment of grains, every month from February to July, and succeed in making a crop under any weather conditions that may exist in this section. We are happy to say that we can take some of the credit to ourselves for this condition of affairs, as we have helped to introduce a good many of the forage crops to our Texas farmers. We sell thousands of bushels of Alfalfa, Milo Maize, Kaffir Corn, Millet, Sorghum, Mexican June and Early Northern Corn, Stock Peas, etc., and advise our farmers not to confine themselves to any one of the above, but to plant a general assortment, as one will frequently succeed where another may not. We have had some of our best farmers to tell us that they have made good roasting-ears in 65 to 70 days from seed purchased from us last of July, and planted then after a rain. Every farmer should set aside an acre of ground for experimental purposes, and test all new varieties of grains, grasses, clover, vegetables, etc., in order to know for himself the sorts that are best adapted to his soil; besides the value of the knowledge gained by this, the product of this little space is often considerable.

### NON-SACCHARINE SORGHUMS

This class of Sorghums will succeed in almost the driest season; even when corn is an entire failure, it can be depended upon to make a full crop. In weight of grain they make more than the same land will in corn. Some mills have been grinding the grain into flour with much success. As a dry forage they are enormous yielders, costing less to harvest than corn fodder alone. The cultivation is as simple as corn; it will grow to perfection on the same soil, and on soils not nearly so rich. As soon as the seed begins to glaze, cut and shock, making the shocks 16 rows wide and the same distance in length, balancing well, as the seeds are heavy and will go down easily. After being well cured stack it, or house it as you would ordinary corn fodder, or let stand in field until ready for use. A rack may be prepared in the feed lot and fed as hay. It is not necessary to thrash it, but if it is desired to separate the seed from the fodder, this may be done by running the stalks through a thrashing machine after removing all but one

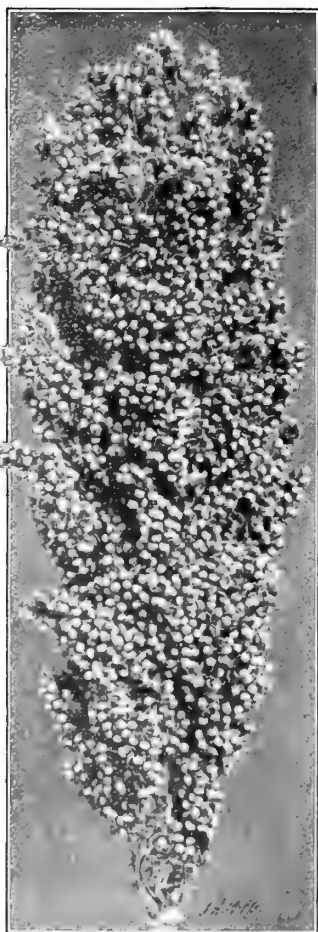
varieties of sorghum, making an excellent fodder, either green or dried, which is highly relished by cattle and horses. The seed-heads form at the top of each stalk, and as soon as these show the grain well, the joints next below the top send up shoots which yield the second seed-heads. For the grain, sow in rows 3 feet apart, five pounds of seed to the acre. For fodder, sow from one-half to a bushel, either broadcast or in drills.

Lb. 20c, postpaid; by freight or express, lb. 10c, 25 lbs. 50c, 50 lbs. \$1, 100 lbs. \$1.75.

#### JERUSALEM CORN

The best and surest grain crop for dry countries and seasons, even better than Kaffir Corn, Dhoura and Milo Maize. It grows from 3 to 5 feet high, makes one large head on the main stalk and several smaller ones on side shoots; eight heads sometimes grow on one stalk. The grains are pure white and nearly flat. Three pounds will plant an acre. A customer of ours at Bonham informs us it is one of the best crops he grows; besides feeding it to his stock he uses the grain as a breakfast food, and states it is far superior to wheat or oats for this purpose.

Lb. 20c., postpaid; by freight or express, not prepaid, lb. 10c., 25 lbs. \$2.50, 50 lbs. \$3.75, 100 lbs. \$7.



WHITE KAFFIR CORN

row of the concave teeth. The grain will come out as clean as wheat and the fodder shredded.

**RED KAFFIR CORN.** This grows taller than the white; the stalks are slenderer, but more juicy and very leafy. The heads are long, slender, compact and grow erect, they measure from 1 to 2 feet. The seed is red, smaller than that of the white, and rather hard and brittle. It does well on poor land and yields well. It ripens earlier than the white, and yields much heavier. Lb. 20 cts., postpaid; by freight or express, lb. 10c, 25 lbs. 75c, 50 lbs \$1.25, 100 lbs. \$2.

**WHITE KAFFIR CORN.** It grows from 4 to 5 feet high, making a straight, upright growth. It has a stalky stem, with enormous wide leaves. The stalks keep green and are brittle and juicy, not hardening like other





## MILO MAIZE.

**MILO MAIZE, EXTRA DWARF.** Last season we secured a small quantity of this variety, which has given our customers the best of satisfaction. It only grows about 4 feet high and makes a small stalk in comparison with the old style of Milo Maize, the roots being very easy to plow up and get rid of. It makes large heads of fine grain. We recommend it very highly to our customers. Our seed is all re-cleaned, the broken grains being taken out, which makes it worth more than the ordinary seed that is usually sold. Lb. 20 cts., postpaid; by freight or express, lb. 10 cts., 20 lbs. \$1, 50 lbs. \$2, 100 lbs. \$3.50.

### DWARF YELLOW

#### MILO MAIZE

Two crops can be made in one year, and it is a sure crop, as it withstands dry weather. Grows 4 to 6 feet high. Is a splendid feed crop for all kinds of stock. Suckers out at once when cut and makes a fine second crop of heads and hay. Does not shatter in handling; can be cut with a binder and shocked like wheat. Requires shallow planting and quick shallow cultivation. Fine crops of it grow on sod by dropping the seed in every fourth or fifth furrow and harrowing the ground well. For grain, plant one bushel to 15 to 20 acres and thin out same distance as Indian Corn. Is enormously productive; has yielded 75 bushels per acre. Diversify your crops, and you will make feed in most any kind of season. Re-cleaned seed, lb. 20c, postpaid; by freight or express, not prepaid lb. 10c, 20 lbs. 60c, 50 lbs. \$1.25, 100 lbs. \$2.



MILO MAIZE

### RYE

Rye can be sown in fall or spring, and makes fine pasture. Sow  $1\frac{1}{4}$  to  $1\frac{1}{2}$  bushels per acre. Pk. 40 cts., bus. \$1.20, 10 bus. \$11.

### BARLEY

**WHITE HULLESS BARLEY.** The heads are large and well filled with big plump kernels, which are hullless and of great value for feeding. Those who have grown it say that it produces a much larger crop than any other. It weighs 60 to 65 pounds to the measured bushel, while ordinary Barley weighs only 48 pounds. The straw is very stiff and strong. It is the handsomest, most productive and best variety we know of. The kernels shell out without the hulls and are the prettiest and handsomest white berry, plump and oval in shape, that has ever been grown. Is not a malting Barley and can be used for feeding only, and as a fattening feed for hogs it has no equal. Is a vigorous grower and can be sown after all the other grain is sown, and it will mature before wheat or oats will. Lb. 25cts. 3 lbs. 60 cts., postpaid; by freight, pk. 75c, bu. (48 lbs.) \$2.50.

**SUCCESS BEARLESS BARLEY.** Earliest Barley known. The straw is about the height of common Barley, but better, and will stand up on any land; on good land will produce 80 bushels per acre. Sow as early as you can. Many farmers will not grow Barley on account of the long harsh beards which are so disagreeable in threshing, although it is a profitable crop. This is beardless and as easy to grow and handle as oats. It has hulls like the Mansury or any other old variety, and is a heavy cropper, yielding from 50 to 75 bushels per acre, and the quality is excellent both for malting and feeding hogs. Seed is scarce this year. Lb. 20 cts., 3 lbs. 50 cts., postpaid; by freight pk. 50c, bu. \$1.25, 5 bu. \$5.75, 10 bu. \$11.

**BEARDED WINTER BARLEY.** We sell immense quantities of this Barley every fall. Makes fine winter grazing and yields from 50 to 75 bushels per acre. Pk. 35 cts., bu. \$1.10, 10 bu. \$10.

**BEARDED SPRING BARLEY.** We sell large quantities of this variety of Barley every spring. Pk. 35 cts., bu. \$1.10, 10 bu. \$10.

### SEED WHEAT

**MACARONI, or NICARAGUA.** There is an increasing demand for Macaroni hard Wheat, as it seems to be especially adapted to growing in Texas, yielding from 25 to 40 bushels per acre; stands dry weather better than any other Wheat and makes splendid winter grazing. The Government has been recommending our Texas farmers to plant this Wheat, and on this account

there is a big demand for it. It makes first-class bread and is also splendid for feeding stock and is a surer crop than any other variety of Wheat. Pk. 40 cts., bu. \$1.35, 10 bu. \$12.50.

**FULTZ SMOOTH HEAD.** Two weeks earlier than Mediterranean and very productive. Pk. 40 cts., bu. \$1.40, 10 bu. \$13.50.

**MEDITERRANEAN BLUE STEM BEARDED.** We have secured some very fine seed of this celebrated variety of Wheat, which is so popular in Texas. Pk. 40 cts., bu. \$1.30, 10 bu. \$12.50.

## AUSTRALIAN SALT BUSH

The Forage Plant for Arid and Alkali Soils.

This plant comes to us from California, where it has been tested and experimented with to a large extent. Cows, hogs, chickens and sheep thrive on it. As a forage plant for alkali lands in California, Texas, and wherever similar climatic conditions prevail, this is strongly commended. It yields about 20 tons per acre and loses three-quarters of its weight in drying. It remains green all winter but makes rapid growth in hot weather; is a sunshine plant and does not do well if shaded by trees. One plowing will eradicate it, and there is no question but that it will eliminate the alkali from the ground, rendering it suitable for other crops. The land to be sown should be plowed and reasonably well pulverized by the harrow or other tool. A disc harrow, should be used to loosen the soil. One pound of seed is sufficient for an acre. Oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50, postpaid.

E. W. Kerr, Brighton, Texas, writes: "Salt-Bush grows well on any kind of land; the drier the weather the better it grows. Horses, cattle, hogs and chickens thrive well on it. My hogs fatten on it; the most of them are on salt land, where the plant does well. I have some plants from 8 to 10 feet across"

## SORGHUM, or SUGAR CANE

Sorghum is being used extensively as green food for cattle, horses and mules. It is a sure crop, being a great drought-resister and an immense yielder, producing many tons of most nutritious green food to the acre. Specially fine for milch cows when pasture is short.

**TEXAS SEEDED RIBBON CANE.** Makes the finest molasses of any Cane grown. We can furnish the straight head or crookneck variety. Lb. 20 cts., postpaid; by freight or express, lb. 10c, 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.00.

**ORANGE CANE.** Strong-growing; much more juicy than any other variety. The stock is heavier and a little later than the Amber. Lb. 20 cts., postpaid; by freight or express, lb. 10c, 25 lbs. 75c, 100 lbs. \$2.25.

**RED-TOP AFRICAN, or SHUMAC CANE.** Makes a splendid hay and first quality syrup. Lb. 20 cts., postpaid; by freight or express, lb. 10c, 25 lbs. 75c, 100 lbs. \$2.50.

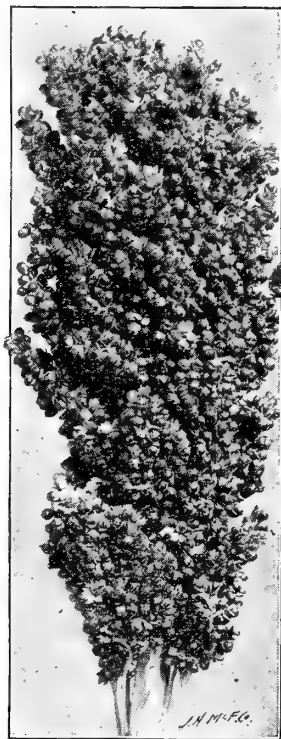
**AMBER CANE.** The earliest; makes the finest quality of both sugar and syrup. Lb. 20 cts., postpaid; by freight or express, lb. 10c, 25 lbs. 75c, 100 lbs. \$2.25.

As prices of Cane seed fluctuate very much, it is best to write for prices where you want to buy a quantity. All prices are subject to change without notice.

## BUCKWHEAT

**SILVER HULL.** This improved variety is much better than the old sort. It is in bloom much longer, matures sooner and yields double the quantity per acre. The husk is thinner, the corners less prominent and the grain of a beautiful light gray color. The flour is said to be better and more nutritious. Lb. 25 cts., postpaid; by freight or express, pk. 75c, bu. (48 lbs.) \$2.50.

**JAPANESE.** This variety has been raised here with good results. It is early, very productive, and the rich, dark brown kernels are twice the size of any other Buckwheat, yielding a superior flour. Owing to its branching character, only half as much seed is required per acre; the straw is much stiffer and stands up better. Lb. 25 cts., postpaid; by freight or express, pk. 75c, bushel (48 lbs.) \$2.50.



AFRICAN, OR SHUMAC CANE

Mansfield, La., Oct. 15, 06.

TEXAS SEED & FLORAL CO., Dallas, Tex.

Gentlemen:—The Texas Seeded Ribbon Cane is all O.K. We planted fifty rows about two acres long, made it into syrup the second week in September and made 372 gallons of as pretty syrup as you ever saw and just about as good. It is far ahead of the common sorghum. The cane grew from ten to fourteen feet high with very large stalks. We expect to plant three or four acres next year.

The Texas Giant Gourd seed corn bought of you is fine. It has the largest ears I ever saw. It grew this year to perfection.

We expect to order all of our seeds from the Texas Seed & Floral Co. in future. Yours truly, (Signed) ABEL BATES.

## VETCHES.

We think our farmers should give this crop careful attention, as it is well worth the time. There is no green feed or dry that is as rich in muscle-forming qualities as Vetches. Being very early, they come off before the land is needed for other purposes in the spring.

**HAIRY, or WINTER VETCH.** For a hay or forage crop, this is the best and most nutritious of winter and spring forage plants. Makes hay of very superior quality. Hairy Vetch should be sown from July to November, broadcast, at the rate of 30 to 40 pounds per acre, with three-fourth bushel of winter oats or a half bushel of wheat. The oats or wheat help to hold the Vetches off the ground, enabling it to make a better growth, and making it more easy to harvest and cure the same properly. For hay the

Vetches should be cut just as the oats or wheat with which it may be sown are heading out. This crop does remarkably well sown at the last working of corn or cotton. It is admirably adapted to be sown in combination with winter oats, and, sown in this way, will far outyield any other winter forage crop. Vetches and winter oats mature together, and when cut for a hay crop make the largest possible yield of most nutritious and easily cured hay. The hay is greatly relished by all kinds of stock, making one of the richest and most nutritious feeds, increasing the flow and quality of milk, and being one of the best feeds to fatten and put animals in good condition. Vetches also furnish excellent winter and spring grazing provided they are sown early. In some instances soils seem to require inoculation before they produce Vetches to best advantage. On this account, Vetches will usually yield a much larger crop when sown two successive seasons in the same place; or inoculation can be given to any soil by getting some soil from where Vetches or Garden or English Peas have been previously grown, and scattering it over the land where they are to be seeded; 200 pounds to the acre will be sufficient to inoculate the soil thoroughly. It is, of course, only in a few sections that the soil requires inoculation. In addition to their great value as a forage crop, Vetches, like other legumes, also improve both the condition and productivity of the soil where they are grown. We strongly

recommend our customers everywhere to sow Vetches, as they are admirably adapted to the South, and make a magnificent crop of feed. Properly handled, Vetches will reseed themselves, and will require to be seeded only once to afford a continuous crop for a number of years. Lb. 30 cts., postpaid; by freight or express, lb 20 cts. 20bs. \$2.50, 100 lbs. \$11.



WINTER VETCH

## SEED OATS.

### LAWSON'S CELEBRATED IMPROVED RED WINTER RUST PROOF SEED OATS

We give below description of introducer:

"I have been dealing in oats for more than fifteen years and have handled hundreds of thousands of bushels. I noticed that volunteer or fall sowed oats that went through the winter were always earlier and better than spring sowed oats, and often thought what a pity it was that oats would not stand severe freezing weather; so more than ten years ago I began watching winter sowed oats, and found they withstood considerable cold weather and never took the rust to hurt them; so I determined to follow these oats and breed them to stand severely cold weather. The seasons were moderate from 1895 to 1899, but Feb. 10th, 1899, the thermometer was eight degrees below zero, and the supposition was that all volunteer of fall sowed oats were killed.

During the season of 1899, I bought a load of very fine oats from a farmer, and on asking some questions about them, he said they had gone through the terrible eight degrees below zero blizzard. This fact clinched my belief that an oat could be bred that would stand severe freezing weather. I then resolved to further improve these oats. In 1901 I bought a farm and in the fall I selected my seed from the oats that had gone through the eight degrees below zero weather. I screened them well and they tested 36 lbs. to the measured bushel. Sowed 50 acres in October and have sowed in October every year since. Always selecting the very best for seed, have never sowed anything under 36 lbs. and have had them to test 40 lbs. No winter has ever hurt them. They went through the winter of 1904 and 1905 and on Feb. 13th, 1905 the thermometer was one degree below zero, but it did not hurt these oats. The twenty-acre piece that I sowed for seed gave me good pasture all the winter and averaged 65 bushels to the acre of as fine red oats as ever grew (and on thin land at that). I have made 100 bushels to the acre, and on good land under favorable conditions, these oats will give good pasture and make 100 bushels per acre.

On comparing this with the average 10 year yield for the United States, which is 29 bushels, and the average 10 year yield for Texas, which is 27 bushels, one readily sees the advantage of sowing these oats. They are

very early. I have always cut in May and have threshed the first of June, thereby getting from five to fifteen cents per bushel more than the bulk of the crop brought. My 1906 crop were the finest I ever raised and took first premium at Dallas State Fair in competition with the world. I make a study of these oats and send out nothing but select, well graded seed. These oats will grow in any climate and on any soil. They have stood all adverse conditions for the last ten years and have never failed to make a paying crop, and they are better now than ever. Do not lose sight of the fact that they can be sown in the spring with good results and much profit. They make a fine turf and throw up strong vigorous stems that have great rust-resisting power. Price, bushel \$1.00, 10 to 20 bu. lots 90c per bushel, 25 to 100 bu. lots 85c bu. f. o. b. Dallas.

### WINTER TURF OATS.

Winter Turf Oats make splendid pasture. Bu. 85c., 10 bu. \$8.

### CULBERSON WINTER RED RUST PROOF.

We introduced these celebrated oats in Texas several years ago and they have proved to be very popular wherever planted. The grain is very large, are heavy, often testing 36 to 40 lbs. per bushel. Their yield from 65 to 100 bushels per acre of fine, big, heavy oats. Are rust-proof and do not blow down as easily as other oats. Per bu. 70c., 10 to 20 bu. lots, 65c. per bu.

**TEXAS RED RUST PROOF.** This is the finest and most productive grown. We have secured some very fine seed of this popular Oats. Bu. 60c., 10 bu. \$5.50.



LAWSON'S RED RUST-PROOF OATS

**SOJA BEAN or COFFEE BERRY**

This valuable forage plant yearly attracts increasing attention. It is one of the most nutritious of all vegetable products. It produces crops of 20 to 30 bushels per acre, and is as easily grown as other beans. The vines are bushy and vigorous; entirely self-supporting. For pasturing or feeding as green fodder it is very valuable, and nearly equal to clover for fertilizing. It has also been widely advertised and sold as German Coffee Berry. Sow half a bushel per acre, broadcast, or a gallon per acre in drills  $3\frac{1}{2}$  feet apart and  $1\frac{1}{2}$  feet between the plants, dropping two or three beans in a hill. Lb. 20c, postpaid; by freight or express, lb. 10c, pk. \$1, bu. \$3.50.



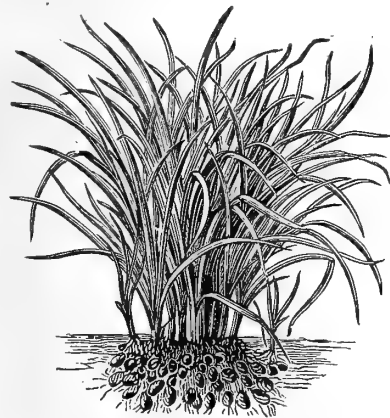
SOJA BEAN, OR "GERMAN COFFEE BERRY"

**VELVET BEAN**

The Velvet Bean is a climbing nitrogenous plant, growing 40 to 50 feet when trained; however, this is never done except when the vine is used for ornamental purposes. It is of the most rapid growth, forming a dense mass of foliage. In two months the under leaves commence to drop, and by fall the mulch is often 6 to 8 inches deep, making it one of the greatest soil-improvers known. As fast as these leaves fall they are replaced by new growth, so close and dense that it kills cocoa or nut grass, also Johnson and Bermuda grass. This is so thoroughly excluded that no other grass can grow. Our only trouble up to this time has been to get enough seed to supply the demand. It is such a rank and vigorous grower that, even in our climate, the season is rarely long enough for it to mature seed. We expect this season to be able to accommodate all demands, but advise our customers to order early. Plant in March, April or early in May, at the rate of one-half bushel to the acre, in rows 4 feet apart, dropping two or three beans in a place one foot in the row. Leaves and vines 4 feet. Lb. 20 cts., postpaid; by freight or express, lb. 10c, 20 lbs. \$1.50, 50 lbs. \$3, 100 lbs. \$5.50.

**CHUFAS, or EARTH ALMONDS**

A species of ground-nut that ought to be on every southern farm for fattening hogs and poultry. The nuts grow under ground, but near the surface, as



CHUFAS, OR EARTH ALMOND

shown in our illustration, and are easily harvested by hogs and chickens. Plant in April and May in 3-foot rows, dropping three Chufas every 10 or 12 inches. Give level culture and they mature in September and will lie in the ground until wanted. One peck plants an acre. The seed supply is limited and we advise early orders. If you once get to using Chufas as a fattening crop, you will always grow them. They are the best fattening crop we know of. Pkt. 10c, lb. 30c, postpaid; by freight or express, pk. \$1.25, bu. \$4.50.

**MAMMOTH RUSSIAN SUNFLOWER**

Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg-producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value as soon as it becomes generally known. Every farmer should plant some of the seed in any waste place of ground, any time from early spring up to the middle of July. It is a wonderful improvement on the old native Sunflower, and, besides the great value of

the seed as a poultry and stock food, its leaves make capital fodder, while its strong, thick stalks can be profitably used as fuel. Three quarts of seed will plant one acre. Lb. 20 cts., postpaid; by freight or express, not prepaid, lb. 10c, 20 lbs. \$1.60, 100 lbs. \$7.50.

**SPELTZ, or EMMER**

The Valuable New Grain from Russia.

Speltz has now been grown in the United States in a large way for several years, and each succeeding season not only emphasizes its value, but sees its production increasing to an enormous extent. It is found to be adapted to a wide range of soil and climate, to resist extremes of weather, to be of superior feeding value and to yield much more heavily than oats and barley as to insure its increasing popularity and its eventual place among the leading and standard cereal crops of the world. Those who have not grown Speltz should not let another season go by without giving it a place, and an important place, too, on the farm. This grain grows tall like rye and matures as early as barley, and each year when tested by the side of each, it has yielded twice as much per acre as oats and three bushels to one of barley, and it is much better feed for stock than either. It yields from 40 to 80 bushels to the acre, and from 4 to 6 tons of straw hay. You who are interested in your own success will admit that if possible we want to raise grain that is adapted to this country. We are satisfied from experience that this is the coming feed for all kinds of stock. Tough and hardy, it stands the drought better than any other grain, making it a sure crop. It is a grain to sow for profit. Your chickens and geese, your horses and colts, your cows and calves, your sheep, lambs and swine, all will eat it eagerly and flourish. The culture of Speltz is simplicity itself. It's just as easy as sowing oats or wheat. Prepare your land as you would for wheat or oats, and sow at the rate of 75 or 100 pounds per acre. Sow very early in the spring or fall, and do not let it stand until it gets too ripe before cutting, as any grain that yields well shells easily. In the green state it makes an excellent pasture. Has given good results both in Texas and Oklahoma. Lb. 20c, 3 lbs. 50c, postpaid; by freight or express, 25 lbs. \$1, 50 lbs. \$1.50, 100 lbs. \$2.75.

Mr. J. M. Nance, of Kyle, Texas, writes us under date of July 28, 1905, in regard to Speltz:

"Speltz can be sown in the fall and stand the winter better than oats. I sowed Speltz last fall, finished on November 17, and during the coldest spell last winter it was killed to the top of the ground but came out again. Occasionally you will find a stalk killed, while most of the oats here were killed."

"Last year I sowed Speltz in February, finished on the 21st, and made 50 bushels per acre. This year I threshed  $26\frac{1}{2}$  bushels. The crop was not so good this year from some cause, probably too much rain."

"It is a fine feed for mules, horses are very fond of it, and chickens will run over each other to get to it. It is fine for them. Plant about two bushels, or 80 pounds per acre, and cultivate or plow the same as oats. There were some scattering oats in the seed last year, and wherever you would see one, it was red with rust. I saw no rust on Speltz this year nor last, for which reason it would go a long way toward taking the place of oats in this part of the country."

"I don't know about grazing Speltz in fall or winter, but think it will stand the same as oats or wheat. Stock are very fond of the straw, which is as good or better than oat straw."

**FIELD, or COW-PEAS**

Field or Cow-peas are so well known that it is not necessary to describe them. We only want to urge on our customers the importance and value of this crop. The Cow-pea, more so than any other leguminous plant has the power of extracting the expensive nitrogen from the air and storing it in its roots, thereby acting as a costly fertilizer. They will make poor land rich, and greatly increase the productiveness of good land. They make a splendid green forage, and the cured hay is unsurpassed in its rich quality. Sow about 1 to  $1\frac{1}{2}$  bushels per acre, and, if wanted for hay, cut when about two-thirds of the vines have formed pods. Prices subject to change. Write us for prices when large quantities are wanted.

**WHIPPOORWILL.** A favorite early bunch-growing variety; has brown speckled seeds, which are more easily gathered than the vine growing sorts. This variety is a prime favorite on account of its early maturity and habit of growth. Lb. 20c, postpaid; by freight or express, lb. 10c, pk. 60c, bus. \$2.

**WONDERFUL, or UNKNOWN.** This makes an enormous and remarkable growth of vines, but requires the full growing season to make its crop. In yield and growth of vines it surpasses any of the varieties of Cow-peas, and it yields very largely of the shelled peas. This variety should be planted in May, in order to come to full maturity. Lb. 20c. postpaid; by freight or express lb. 10c, pk. 75c, bu. \$2.50.

**LARGE BLACK-EYED PEAS.** The large Black-Eyed Peas make a profitable crop for picking the dry peas for sale in our markets during the winter; at the same time make an excellent soil-improver, being similar in growth of vine and action of roots upon the soil to the other Cow-peas. While, of course, allowing the peas to fully mature and harvesting the dried peas detracts somewhat from their value as an improver, still, where parties desire to make a money crop and at the same time improve the soil, these are especially desirable. Lb. 20c, postpaid; by freight or express, lb. 10c, 20 lbs. \$1.50, 100 lbs \$6.

**CLAY PEAS.** Most desirable for enriching the soil and for furnishing a large crop of nutritious forage. Write for prices.

**CREAM PEAS.** This is the most beautiful table Pea we have ever had the pleasure of offering our customers. It has given the best satisfaction of any variety we have ever offered for table use, and very deservedly so, as there are none that can surpass it in splendid flavor. In point of yield, they double the well-known Black-eye, command a higher price on the market, cook quicker, and are in every way superior to it as a table sort. It grows in bunch form; peas are of a cream color. We hope all our customers will try this grand Pea, and we feel sure you will be pleased with it. Lb. 25 cts., postpaid; by freight or express, 10 lbs. \$1, 20 lbs. \$1.75, 100 lbs. \$7.50.

**MIXED PEAS.** Every year thousands of bushels of Peas become mixed in handling, and these are generally considered as good for forage purposes as the straight varieties and usually sell for a little less. Lb. 20c, postpaid; by freight or express, lb. 10c, pk. 50c, bu. \$1.85.

If there are any other varieties of Peas you want, write us and we will let you know if we can furnish them.

## BROOM-CORN

**IMPROVED EVERGREEN.** Diversification of crops has made Texas farmers large sums of money. The subject has been agitated from one end of Texas to the other, and the farmer who has been diversifying his crops has been making money. Broom-corn is a money-maker for the farmer, and a good thing to diversify with. Get good seed and you will find it profitable. We have been fortunate in securing a choice grade, and, while the supply is not overabundant, we think we shall be able to furnish any quantity desired. Grows about 8 to 10 feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. Lb. 20c, postpaid; by express, 20 lbs. \$1, 100 lbs. \$4.50.

**DWARF.** Grows 4 to 5 feet high and makes straw of the finest quality. Lb. 20c, postpaid; by freight or express, not prepaid, lb. 10c, 20 lbs. \$1, 100 lbs. \$4.50.

## GIANT BEGGAR-WEED

This valuable forage plant does not need to be planted every year, for when once established it comes up annually without any further attention. Can be easily and entirely eradicated from the soil by two years' successive pasturing. The plant has deep-feeding roots which bring up from the subsoil the dormant fertilizing element deposited there for years. Hogs, cows, horses and mules fatten on it, and will refuse any other food when they can get Beggar-Weed. Old, wornout horses and mules when turned into Beggar-weed pasture will grow sleek and fat without any further attention. The seeds are very small and light. About 5 pounds will thoroughly seed an acre. Lb. 40 cts., postpaid; by express, not prepaid, 30 cts., 5 lbs. \$1.40.

## MILLETS

**PEARL MILLET, or MAND'S WONDER PLANT.** (*Pennisetum Zeaoides*). Also known as **Cat Tail Millet.** We have found that Mand's Wonder Forage Plant and Pearl Millet are the same, and therefore we catalogue them in this way. It is an annual, having very broad foliage, much resembling corn leaves. The great value of this plant is not as fully realized as it will be in the future. Makes a splendid continuous cutting forage crop either for green food or hay. The enormous yield which are continuously cut four or five times during the season are used for both green and dry feeding, and as it yields so largely it is very highly prized. Pearl Millet will grow well and luxuriantly on any soil suitable for corn, but the land should be rich. It grows 10 to 12 feet high, but cutting should commence when a height of 2½ to 3 feet is attained. After cutting it will stool out enormously becoming much thicker, makes a rapid growth and will afford three or four large cuttings during the season. It is very nutritious and relished by all kinds of stock. Dairymen and stock-raisers should plant Pearl Millet in large quantities, as it furnishes fresh green feed for the summer, and if a sufficient quantity is sown can be cut as desired for daily feeding until killed by freezing weather. It should not be sown until about May. If sown broadcast, 20 or 30 pounds should be used; but quicker growth and more frequent cuttings will be obtained if sown at the rate of five pounds per acre in drills 3 feet apart and cultivated occasionally. Pkt. 5c, lb. 25c, postpaid; by freight or express, lb. 15c, 20 lbs. \$2.50, 100 lbs. \$10.



PEARL MILLET, or MAND'S WONDER FORAGE PLANT

**MANITOBA, or HOG.** The seed is very rich and thus especially valuable as a hog food. A very much prized peculiarity of this Millet is that the seed ripens while the stem is yet green; thus if cut promptly can be threshed for the seed, while the hay, after being threshed, will make excellent fodder. Sow same as other Millet. Lb. 20 cts., postpaid; by freight or express, lb. 10c, 20 lbs. 75c, 100 lbs. \$3.

**JAPANESE BARNYARD.** (*Panicum Crus-galli*). This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks,

of the Massachusetts Agricultural Experiment station. It has proved an enormous yielder in all sections of the United States.—hay and fodder of most excellent quality growing on any soil, yielding 12 to 20 tons per acre and growing 6 to 8 feet in height. Cattle and horses eat it greedily. J. W. Stubenrauch, of Limestone county, Texas, writes as follows: "I mail you under separate cover photo of my field of Japanese Millet. This field produced at least 5 tons per acre; German Millet sown at the same time has not done half so well. A good rain after field had been cut brought up a volunteer crop that made 3 tons per acre, some of the Millet being again 4 feet high. Ten days ago I plowed the ground and sowed to Rescue Grass, but see now another stand of Millet coming." Sow from March till July, broadcast 40 pounds per acre (it stools remarkably well). By mail, postpaid, lb. 20 cts.; by freight or express, lb. 10c, 25 lbs. \$2, 100 lbs. \$7.50.

**FANCY BIG GERMAN.** The true German Millet, when properly grown and handled, makes an enormous yield of most nutritious feed, and that without impoverishing the soil to any great extent. To get these results, however, German Millet must be sown thickly, about one bushel per acre and the crop cut while it is in bloom, before the seed harden in the head. Sow when the weather gets warm in May, or any time during summer until end of July. Two crops can be seeded and grown during the summer on the same land. We have secured a fine lot of this seed, which has the largest head of any Millet grown. Lb. 20c, postpaid; by freight or express, lb. 10c, 25 lbs. 75c, 50 lbs. \$1.35, 100 lbs. \$2.50.

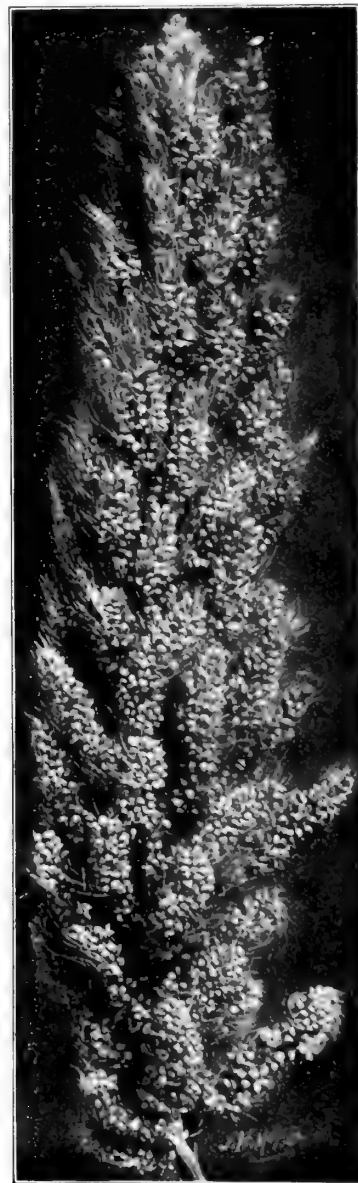
**CHOICE GERMAN.** This is the German Millet that is usually sold by other houses and is good to grow for hay. Lb. 20c, postpaid; by freight or express, 20 lbs. 50 cts., 100 lbs. \$2.00.

**NEW SIBERIAN.** This is sometimes known as **Russian Millet.** The plant grows larger than the Common Millet, with beard and chaff similar to Hungarian, but makes a ranker growth, produces more leaves than common German or Hungarian Millets, leaves starting close to the ground and continuing nearly to top of stem. Lb. 20c, postpaid; by freight or express, lb. 10c, 20 lbs. 75c, 100 lbs. \$3.

## WILD RICE

(*Zizania aquatica*)

A native plant, furnishing food for wild fowl, ducks, geese, etc.; also valuable as a forage plant for swamps and inundated lands, as it grows rapidly, and all stock are fond of it when green or cured for fodder. It attracts all wild birds from September on, and also purifies the water and affords a refuge for the small fry from the large fish. To sow: "Put the seed in coarse linen or cotton bags, and sink in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud-bottom, and in places where there are but few weeds. It is useless sowing this seed except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible." Lb. 40 cts., postpaid.



BIG GERMAN MILLET

## CASTOR BEAN

Pound 25 cts., postpaid; by freight or express, lb 15c, pk. 85c, bu. \$3.50.

## FLAX

When grown for seed sow one bushel per acre; if fiber is wanted, sow at the rate of two or three bushels. The soil should be well cultivated. Lb. 20c, postpaid; by freight or express, lb. 10c, pk. 85c, bu. \$3.



# COTTON

We are headquarters, in Texas, for the finest and best varieties of Cotton, and we have spent a great deal of time and money in making a study of and procuring the best sorts for this section. Many crops are lost every year on account of an improper selection of seed. If you are in doubt as to what to plant, write to us, and we shall take pleasure in giving you all the information we can. Owing to the great demand for Cotton seed, a great deal will be sold in Texas this year of an inferior quality, and we should advise all of our customers to be very careful from whom they buy.

**NEW COTTON, MEBANE'S TRIUMPH.** For description, see Specialties. Pk. 40, bu. \$1.25, 5 bu. \$5.75, 10 bu. \$11.

**NICHOLSON'S EARLY BIG BOLL.** For description, see specialties. Pk. 40c, bu. \$1.25, 5 bu. \$5.75, 10 bu. \$11.

**BERRY'S BIG BOLL.** This is one of the finest varieties of Big Boll Cotton that has ever been grown in the South. It is a five-lock Cotton and similar to the Rowden. Yields as high as a bale per acre. Mr. Berry, of Georgia, has been selling this seed at \$2.50 per bushel. The Cotton seed we have for sale this year has been grown one year in Texas from seed received from Mr. Berry last year. It is very fine seed. We have only a small quantity, so we would advise placing your order early. Pk. 40 cts, bu. \$1.25, 10 bu. \$10.

**RUSSELL'S BIG BOLL PROLIFIC.** This Cotton originated in Alabama, by Mr. G. T. Russell. In 1897 Mr. Russell made 60 bales of 520 pounds each, from 30 acres; in 1898 he made 78 bales from 50 acres. The bolls are extremely large, containing five locks firmly set in boll, making it storm-proof. It is large and tall; a vigorous grower, with an abundance of large limbs near the ground. Roots deeply and withstands drought. A peculiarity of this variety is that both green and white seeds are always found in bolls on the same plant. While it looks like mixed seed, the product is always the same from both colors of seed. The staple will measure from  $1\frac{1}{4}$  to  $1\frac{3}{4}$  inches in length and the fiber is very strong. It grows clean, lints from  $33\frac{1}{4}$  to 38 per cent, classes well and always commands the highest market price. From 36 to 40 bolls weigh a pound, and 40 to 100 bolls grow on a stalk when conditions are favorable. The bolls are easily gathered on account of their immense size; one person has gathered 600 pounds in a day. This variety has given satisfaction wherever planted, and is one of the most popular varieties now among our customers. Often yields one to two bales per acre. Pk. 40 cts, bu. \$1.10, 5 bu. \$5.25, 10 bu. \$10.

## PETERS IMPROVED KING'S COTTON

Our seed is grown for us by Mr. Peters of Calvert, Texas, who describes the cotton as follows:

It is the largest balled for the earliest maturing variety that has been selected and bred especially for boll weevil sections. The original seed was procured by Dr. W. D. Hunter from Mr. King, the originator, for experimental work.

Victoria, Texas, Feb. 17th, 1903.

Dear Sir:—It may interest you to know that I have caused to be shipped the following supplies, which will be used in the course of the experimental work to be conducted upon your place:

50 Bu. Genuine King Cotton Seed.

Very respectfully,

W. D. HUNTER,

In charge of Cotton Boll Weevil Investigations.

From these seed, the late Mr. A. W. Edson, of the United States Department of agriculture, in charge of Plant Breeding Division, made selections for large bolls, early maturity, productiveness and longer staple during 1903. These were planted in 1904, the progeny of each selected individual being planted separately. Again in 1904 the very best plants were selected for continuing the breeding. This select seed from the breeding patch of 1904 was planted in 1905 and it is the seed from this field that is the **Peters Improved King's Early Cotton**. The seed is thus more carefully selected than is usual and should give the best results. The breeding of this variety for higher production, early maturity, etc., is being continued by the best improved methods.

Terrell, Texas, Nov. 3, 1904.

COL. E. S. PETERS, Calvert, Texas.

Dear Mr. Peters:—Replying to your letter of Nov. 2nd at hand\* \* \*

You can say, however, that in our variety tests in several different parts of the state and under different conditions, **King has, without exception, proved to be the earliest variety of all.** It has also been among the most productive. A large proportion of the best cotton yields in localities infested with the weevil has been made with King. Yours very truly,

A. W. EDSON,

In charge Plant Breeding Division. I cannot recommend this variety too highly both for productiveness, early maturity and turnout.

Price, pk. 40c., bu. \$1.25, 5 bu. \$5.25, 10 bu. \$10.

## WHITE WONDER COTTON.

This is a very fine variety of cotton. It is making this year in the boll weevil section from a half to three-quarters of a bale per acre, while many other well known varieties are not making more than a quarter. This cotton has a short shank with bolls close together on the limb. It has a very large boll, five locks to the boll. It is a vigorous grower and very productive. One of its chief characteristics is the unusually large percentage of lint. Our grower who is growing this seed for us says of it: "This cotton last year made more per acre and more lint per hundred pounds of seed cotton than any cotton ginned. It is this season making more per acre than any other variety. I have a letter from the largest seed growers in the world strongly endorsing this cotton."

We would strongly recommend our customers to try this cotton, as we feel satisfied they would be well pleased with it. We expect to have quite a demand for this variety this season.

Price, peck, 50c; bu., \$1.25; 5 bu., \$6.00; 10 bu., \$11.50.

## ROWDEN PROLIFIC BIG BOLL.

We introduced this Cotton in 1903. It has had the largest sale and given the best satisfaction of any Cotton ever sold in Texas, and all who plant it say it is the best Big Boll Cotton they have ever grown. It is far superior to the famous Storm Proof in hanging in the boll, yet at the same time it is conceded to be the easiest Cotton picked, so much more so that ordinary pickers gather from 160 to 200 pounds more per day, and are willing to gather at a less price. It also over one-thirds itself, 1400 pounds seed Cotton making 500 pounds lint, staple equal to any grown in Texas. This Cotton can be put on the market at from 25 to 40 points less per bale than any other Cotton. We recommend this Cotton to our customers as being the finest variety we have offered for several years. Each boll of Cotton is a handful in itself. Selected seed. Pk. 40c, bus. \$1.10, 5 bus. \$5.25 10 bu. \$10. Can furnish cheaper seed when wanted, which is not so well selected.



ROWDEN BIG BOLL COTTON

## LONG STAPLE COTTON.

We have had so much inquiry for Long Staple Cotton that we have secured a small supply. This cotton has been selling at from 15c to 25c per pound. It has been grown principally in the Red River Valley of Texas. We think it will grow in other sections of the state and we would advise all of our customers to give it a fair trial, as it does not cost any more to cultivate this variety of cotton than it would any other kind. The lint runs about  $1\frac{3}{4}$  inches long. It usually runs four to five locks. As we will only have a limited supply of this seed, we would advise all of our customers who want any to put in their orders early. Price 50c per pk., \$1.50 per bu.

Deport, Texas, Oct. 15th, 06.  
"I ordered some Rowden cotton from you last season and like it fine. Everybody in this country says it is the best cotton they ever saw."  
(Signed) WALLACE H. FORD.

# Grass and Clover Seed.

Prices of Grass and Clover Seed are subject to the fluctuations of the market, but purchasers may depend on having them of the best quality at the prices ruling from the day of shipment, and that we will send as much as the money received will pay for, express or freight charges to be paid by the purchaser. We will sell 10 pounds at the 20-pound price; 50 pounds at 100-lb. rate.

## HOW TO GROW GRASS AND CLOVER SEED

First, have the ground well plowed and in as perfect state of cultivation as possible, then run a harrow over the surface and you are ready to sow. Sow the seed carefully with a broadcast hand-seeder, then harrow and run a good heavy roller over the field, and all is done. We want to lay particular emphasis on rolling the seed in only, as we consider this the only way to cover Grass and Clover seeds; and, in fact, almost all small seeds. A great many farmers sow the seed and then harrow or run a double shovel over the end, and in nine cases out of ten the seed is covered too deep and the seedsman is blamed for sending out poor seed. This style of covering also leaves the surface loose, and of course our drying winds and sun keep it dry and the seed will not germinate. It is all right to have the surface loose for growing crops, as this helps to hold the moisture at the roots; but when you want to germinate seed you must have the surface packed solid. This will hold the moisture nearer the surface, and the seed will then germinate. We notice in the advertisements of our implement houses all kinds of plows, harrows, cultivators, etc., but we do not remember ever seeing a good roller advertised, and in our opinion this is one of the most important tools the farmer can have. Take Bermuda Grass, for instance; you will hear a great many people say that it is not reliable, when the trouble is that it is not sown properly. We have tried growing this grass for several years and have yet to make a failure. Use a light roller to cover this seed as it is very small. To germinate Bermuda grass successfully, it requires heat and moisture; therefore, the best time to sow is in March, April or May; also September and October.

**HUNGARIAN BROME GRASS** (*Bromus inermis*). This grass is the most wonderful drought-resister as yet in cultivation. It has no equal, and will grow on almost any soil, soils much too poor to produce the ordinary grasses, doing well in the extremes of climate. It grows from 3 to 4 feet, forming a very thick sod, crowding out weeds and other plants, making a splendid hay, which when cut off is followed by first-class grazing. Lb. 25c, postpaid; by freight or express, lb. 15c, 20 lbs. \$2.75, 100 lbs. \$12.50.

**COLORADO**. Growing something like crab grass and about 3 feet high. It sprouts and branches at the joints, and one seed will grow a large bunch. All stock relish it while green and as hay. All who want a first-class grass for summer pasture or for hay should plant Colorado grass. Lb. 25c, postpaid; by freight or express, lb. 15c, 20 lbs. \$2.50, 100 lbs. \$10.

**JOHNSON**. A perennial and rapid grower, with long, cane-like roots. In leaf, stalk and panicle this grass resembles other sorghums. It grows on any land where corn will grow, and, like corn, will bear heavy manuring, yielding richly in rich ground. 25 to 30 pounds will sow an acre. Lb. 20c, postpaid; by freight or express, lb. 10c, 20 lbs. \$1.75, 100 lbs. \$6.

**KENTUCKY BLUE**. In combination with white clover, this forms the finest and closest lawns. For this purpose an extra quantity of seed should be used, say, from 50 to 60 pounds of Blue Grass and 2 pounds of white clover per acre. It is affected by long spells of hot, dry weather, and is at its best during the winter and early spring; cold weather seems to help it. If a good stand is gotten, it makes the prettiest lawn of any grass known. If sown for pasture at the rate of 30 pounds per acre, it grows slowly at first, forming a very compact turf, but, when once a good stand is obtained, it is equal to the famous pasture lands of Kentucky. Sow early in the spring or during the month of October. Fancy seed, lb. 35 cts., postpaid; by freight or express, lb. 25c, 20 lbs. \$4, 50 lbs. \$9.50, 100 lbs. \$18.50. Extra cleaned, lb. 30 cts., postpaid; by freight or express, lb. 20c, 20 lbs. \$3, 100 lbs. \$14.

**MEADOW FESCUE, or ENGLISH BLUE**. One of the most valuable pasture grasses. Its long and tender leaves are much relished by stock of all kinds. In some southern states it is called Randall Grass. Sometimes Ever-green grass. Sow in spring or fall, at the rate of 10 or 40 lbs. per acre. Lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. \$3, 100 lbs. \$12.50.

**MESQUITE, or VELVET**. This is one of the finest grasses for the South. Sow in spring, 25 to 30 pounds per acre. Lb. 25 cts., postpaid; by freight or express, lb. 15c, 20 lbs. \$2.50, 100 lbs. \$12.

**ORCHARD, or ROUGH COCKSFOOT** (*Dactylis glomerata*). Well adapted for sowing under trees in orchards and very valuable either for grazing or hay. Sow 20 to 25 pounds to the acre. Lb. 30 cts., postpaid; by freight or express, lb. 20c, 20 lbs. \$3, 100 lbs. \$13.50.

**RED TOP** (*Agrostis vulgaris*). A valuable grass. On rich, moist soil, it will grow 2 feet high; on poor, gravelly soil, about half that high. For a fine quality of hay it is best to mix with it Mammoth Red, or Sapling clover and timothy. These all ripen at the same time. Sow 15 to 20 pounds per acre. Fancy seed, lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. \$3, 100 lbs. \$12.50; choice seed, lb. 25c, postpaid; by freight or express, lb. 15c, 20 lbs. \$1.50, 100 lbs. \$6.50.

**RESCUE GRASS** (*Bromus unioloides*). Finest grass for winter pasture in the South. It grows best on a rich, loamy soil and will do well in somewhat shady locations. On light, poor soil it makes but scanty growth, and for pastures in such soil it is inferior to rye. To secure the most satisfactory results, the land should be well plowed and the seed harrowed in, using from 30 to 40 pounds of seed per acre. Sow in August or September, so that the seed may be ready to germinate as soon as the first fall rains come. In case of a dry autumn the crop will be late, but under favorable conditions a heavy stand will be produced, furnishing excellent pasture from December to April or May; or, if the sowing is desired for hay, sometimes two crops may be secured. The grass is naturally an annual, producing its seed and then dying but if prevented from seeding by continuous cutting or pasturing, it will survive several years and produce well. As the grass dries up during the summer, the use of the land during that period is practically lost. The most generally satisfactory method of growing this grass is to pasture it until spring, and then let it reseed itself. After it has matured its seed the land may be plowed and sown, preferably to cow-peas or Japan clover, which

should be harvested in time to allow the Rescue Grass to start again with the first autumnal rains. Excellent volunteer crops may be secured in this way for several years. Its nutritive ratio is 1:6, showing it to be a well-balanced ration for stock. Plant Bermuda Grass for summer and Rescue Grass for winter, and you will have green grass the year round. Lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. \$3, 100 lbs. \$12.50.



RESCUE GRASS

**TIMOTHY** (*Phleum pratense*). Timothy hay always commands the highest price and is considered the standard. If it is desired to mix clover with it, use the Mammoth, as the Common Red ripens about 3 weeks ahead of the Timothy, losing greatly before the Timothy is ready to cut. Sow 12 to 15 lbs. per acre. Lb. 20 cts., postpaid; by freight or express, lb. 10c, 25 lbs. \$2.25, 100 lbs. \$8.

**PERENNIAL, or ENGLISH RYE GRASS**. A nutritious permanent grass for meadows and pasture, or for mixing with other grasses for lawns. Does well on sloping banks, as its roots are fibrous and mat-like. Is especially adapted for pastures, as it will endure close cropping and is of strong, quick, and successive after-growth. It produces an abundance of foliage, which remains bright and green throughout the season, and for this reason is also much used for lawn grass mixtures. It is also well adapted for permanent meadows, and yields large quantities of very nutritious hay, which is well liked by all kinds of stock. Prefers rich or moist soil, such as will produce a good corn



HARVESTING ALFALFA CLOVER

## GRASSES, Continued.

crop. Sow 20 pounds per acre. Lb. 25 cts., postpaid; by freight or express, lb. 15c, 20 lbs. \$2, 100 lbs. \$9.

**LAWN GRASS.** This is a mixture of the best grasses and clovers to make a lawn where Bermuda Grass is not wanted. Choice mixed. Lb. 35 cts., postpaid; by freight or express, lb. 25 cts., 20 lbs. \$4, 100 lbs. \$17.50.

**BERMUDA** (*Cynodon dactylon*). One of the most valuable grasses in the South for pasture and hay. Bermuda Grass in the South, like Kentucky Blue Grass in the North, is one of the grasses for pasture, and yields good crops of hay on rich soils. It grows on nearly all soils, but succeeds best where land is fertile. Withstanding, as it does, the extremes of heat and drought, it makes a thick interwoven sod and furnishes an abundance of leaves, which afford constant grazing throughout the summer months, and will stand the tramping of cattle and the extremes of heat and drought better than any other grass we know. Horses, cows and other stock relish and eat it readily. Bermuda grass yields two to four tons per acre on rich soils in the South, and in comparative test with timothy is found to contain more nutritive qualities, and costs about one-half. During the warm months, and especially the heated dry spells, there is nothing that furnishes better pasturage, though little grazing is afforded in some of the winter months. It is not recommended if the land is to be sown afterward in cultivated crops, as it is hard to eradicate it. In the South, however, it will stand indefinitely, and if plowed and harrowed in the spring once in three to five years the yield will be constantly kept up, especially if an application of fertilizer or stable manure is given occasionally. To eradicate it the soil must be deeply plowed and the roots inverted to the sun in the hot, dry weather for two or three weeks, and the land then sown in cow-peas, afterwards followed by a crop of oats or rye, and another crop of cow-peas, as this constant shading and growth will smother it out. It has been popularly supposed that a stand of Bermuda Grass cannot be obtained from seed, and planting by roots has been recommended and generally practiced throughout the South. This is erroneous, as, if good seed is obtained, there is no trouble in getting a stand, and the cost of seeding in comparison to sodding is trifling. The seed should be sown in March or April, at the rate of 3 to 5 pounds per acre. Prepare the land well, getting it into as fine condition as possible, and make a good, firm seed-bed. As the seed is small, it should be lightly covered; a roller is preferable, or, if this cannot be obtained, use a brush harrow and do not cover to the depth of more than half an inch. It is now well known that there is much adulteration of Bermuda Grass, by mixing other seeds with same, that have the same appearance to the naked eye. There are many cases where purchasers thought they could not obtain a stand of this valuable grass, when, in fact, what they had sown contained only a small per cent of genuine Bermuda Grass. The seed we offer is perfectly pure, clean and fresh. Texas Seed and Floral Co.'s best grade of new crop seed, thoroughly cleaned, lb. 75c, postpaid; by freight or express, lb. 65c, 20 lbs. \$11, 100 lbs. \$50.

**WOOD MEADOW GRASS.** This is a very fine grass to sow under trees on lawns, also in wooded pasture. Sow 20 pounds per acre. Lb. 60 cts., postpaid; by freight or express, lb. 50c, 20 lbs. \$9.

**PERMANENT PASTURE MIXTURE.** We have a great many enquiries every season for a good mixture of grass that will furnish grazing the year round. For this purpose we would advise you to try our Permanent Pasture Mixture, which is composed of Bermuda Grass, Rescue Grass, Mesquite, Red Top, Colorado Grass, Rye Grass, Red, White, Alsike and Burr clover, etc., mixed in the proper proportion to give the best results. Sow at the rate of 20 to 30 pounds per acre. We consider this the finest mixture of grasses for the South. This mixture has given the best of satisfaction to all who have planted it, and every season the demand increases. Lb. 30 cts., postpaid; by freight or express, not prepaid, lb. 20c, 20 lbs. \$3.50, 100 lbs. \$15.

## CLOVER SEED

Prices on Clover Seed subject to market change. Express or freight charges to be paid by purchaser.

**ALFALFA.** We make a specialty of Alfalfa, handling the highest and purest grade of the seed, and selling more of it than any other house in the South. We have advertised it, and done more to impress its value upon our farmers than any other concern in Texas. There have been a number of articles written recommending farmers to sow non-irrigated seed. We have been selling Alfalfa seed for 15 years and never yet been able to see where non-irrigated seed had any advantage over irrigated seed; and in fact, we consider the irrigated seed by far the best, as it usually has stronger and more vigorous vitality, being better matured seed. What you want to plant is the best cleaned seed you can get, and the recommendation of some parties to sow non-irrigated seed that is not thoroughly cleaned is all a myth. A large number of the best Alfalfa farms in Texas were seeded with seed furnished by us. We can furnish either the irrigated or non-irrigated Alfalfa seed. A few years ago 1,000 pounds would supply our trade for a year, where it now

requires from 250,000 to 300,000 pounds for our fall trade alone, thus showing how highly it is appreciated. The crop is as important to the Southern farmer as Red Clover is to the northern farmer. Cut and cured for hay, it is the greatest money-maker known, averaging over \$40 per acre clear profit. It can usually be cut four times in a season, always three times. It should be cut every time it commences to bloom, beginning the first year. Alfalfa lasts from 10 to 20 years, in many instances longer, the roots penetrating the ground from 10 to 50 feet. The soil best suited to Alfalfa is alluvial valley land, with a gravelly subsoil, although it will thrive on almost any soil; however, if the land is not rolling, so that the water will pass off readily, it must be well drained, as a subsoil too wet is fatal to the plant. Prepare the land well, sowing from 20 to 25 pounds of our fancy seed to the acre, or 30 pounds of the cheaper grades. Harrow in the seed, and then roll the ground if possible. The sun must have free access to it, as it will not do well in shady positions. No plant known will withstand the effects of overflows, with the exception of water plants. Sow in September, October and November; also in February, March and April. We recommend October as being the best month to sow, when possible. Fancy irrigated or non-irrigated seed, lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. \$3.50, 50 lbs. \$8.25, 100 lbs. \$16; choice seed, lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. \$3.25, 50 lbs. \$7.75, 100 lbs. \$15; prime seed, lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. \$3.10, 50 lbs. \$7.50, 100 lbs. \$14. Special prices on large lots.

**TURKESTAN ALFALFA, or LUCERNE** (*Medicago sativa*, var. *Turkestanica*). Perfectly hardy, withstands drought, heat and cold. Yields the heaviest and richest crops of fodder. The importance of forage crops has occupied our attention many years, and we are constantly on the alert for new varieties. Turkestan Alfalfa we believe to be the most important introduction in late years. Its value can hardly be estimated, but without doubt it will add millions of dollars to the annual hay crop of the United States.

**Withstands Extreme cold Without Injury.**—At the Experiment Station, Brookings, S. D., with a minimum temperature of 40 degrees below zero, with the ground bare, common Alfalfa was killed, while Turkestan came through unharmed. At the Wyoming Experiment Station the Turkestan Alfalfa was exposed to a minimum temperature of 45 degrees below zero without harm. The Director of the Russian Department of Agriculture, writing about Turkestan Alfalfa, says: "Medicago sativa var. *Turkestanica* is the chief forage in use throughout Central Asia, and is of the highest importance, since during the summer it forms the chief, and in winter prepared in the shape of hay, the only fodder for cattle. There are no meadows in certain parts, as soft herbs and grasses that grow up in early spring are quickly dried by the hot rays of the sun. The native Alfalfa would seem to be a cattle fodder that cannot be replaced in countries as dry and hot as Turkestan. Parallel experiments have been made in the Mery Oases in growing Turkestan and common Alfalfa under widely different conditions, and the results have shown that the Turkestan is greatly superior to the common in the crop it yields, and is able to grow satisfactorily with a minimum supply of water, a supply so small that the common Alfalfa would perish with drought. Turkestan Alfalfa has a very large root system, and the leaves are covered with thick down. This, in conjunction with the deeply channelled leaves, enables the plant on the one hand to imbibe the moisture from the deep layers of the soil, and on the other hand to exhale it in very small quantities." Lb. 35c, postpaid; by freight or express, lb. 25c, 20 lbs. \$4, 50 lbs. \$9, 100 lbs. \$17.00.

Mr. G. A. Shattenburg, of Boerne, Texas, writes us under date of Sept. 15, 1905, in regard to Turkestan Alfalfa, as follows: "I sowed one-half acre on Oct. 20, 1904, which so far gave me four heavy cuttings above knee high, and will make at least two more."

Fort Worth, Texas, July 6th, 1906.

TEXAS SEED & FLORAL CO., Dallas, Texas.

Gentlemen:—I wish to state that my dealings with you have been very satisfactory indeed. The 1546 lbs. of Alfalfa seed bought from you in the spring was the finest I ever saw, and I candidly believe that every seed I sowed came up and lived. I, however, rolled the land with a heavy roller, and I believe it to be the best way to put in small seed.

The 16 ft. Universal Wheelbarrow Seeder does its work absolutely perfect.

Yours truly,

(Signed) SAM J. HUNTER.

**CRIMSON.** Should be sown in the fall, when it will make the earliest green feed of any of the clovers. Can be cut or turned under in time for other early spring crops. In warm climates four or five cuttings are made during the season. The plant grows about 4 feet high and makes good hay. Should be sown in spring or fall, about 15 or 20 pounds per acre. Lb. 30 cts., postpaid; by freight or express, lb. 20c, 20 lbs. \$3, 100 lbs. \$12.50.

HONEST DEALINGS HAVE MADE US WHAT WE ARE—THE LARGEST SEED HOUSE IN THE SOUTH

## CLOVER SEED—Continued.

**BURR CLOVER.** A most valuable winter grazing crop, growing luxuriantly all through the winter and until summer comes fully on. After once being seeded, it reseeds itself and improves in growth and appearance each succeeding year. It is admirably adapted for use with Bermuda Grass, and the combination of the two makes a splendid all-the-year-round pasturage. It is also well adapted for use in regular pastures, and will give a considerable increase in the quantity of pasturage just at a time when it is most appreciated. The plant matures its seed early in the spring, and produces seed abundantly after the first year, and no reseeding is necessary, unless the clover has been pastured so closely as to prevent it from maturing seed. When sown on Bermuda grass sod, the sod must be scarified to give the clover a chance to get its roots in the soil below the layer of Bermuda roots. It is also desirable to scarify it in this way each fall for best results. This scarifying is also beneficial to the Bermuda Grass. Burr Clover produces its seeds in slender, prickly pods, which come spirally wound up into a ball, or boll. This seed is very hard to thresh out from the burs, but we have been able to secure a limited supply of clean seed. It is very much more satisfactory to sow than the seed in the bur. Price of seed in the bur, lb. 25c, postpaid; by freight or express, lb. 15c, 20 lbs. \$2, 100 lbs. \$8. Seed cleaned from burs, lb. 35c, postpaid; by freight or express, lb. 25c, 20 lbs. \$4, 100 lbs. \$17.

**ALSIKE, or SWEDISH.** Native of Sweden. Perfectly hardy, stands drought well, gives large return in hay, is excellent for soiling, and for bees is unsurpassed. Sow in spring or fall, about 8 to 10 pounds per acre. Lb. 35c, postpaid; by freight or express, lb. 25c, 20 lbs. \$4, 100 lbs. \$17.50.

**RED.** Makes heavy crops of green feed or hay, and is a splendid improver of soils. From 8 to 10 pounds of good seed is required for an acre. Lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. \$3.50, 100 lbs. \$15.50.

**SAPLING, or MAMMOTH RED.** A selection from above, and differing from it in that it is two or three weeks later, and makes a much heavier growth. Lb. 30c, postpaid; by freight or express, lb. 20c, 20 lbs. \$3.50, 100 lbs. \$16.50.

**JAPAN** (*Lespedeza striata*). A low perennial of spreading habit, adapted to withstand excessive drought. It flourishes on the poorest soils, and is very valuable in the South. Sow in spring, about 15 to 20 pounds per acre. Lb. 35c, postpaid; by freight or express, lb. 25c, 20 lbs. \$4.50, 100 lbs. \$21.50.

**WHITE DUTCH.** Excellent for pastures and lawns, forming with Kentucky Blue Grass the finest and most nutritious food for sheep and cows. Its flowers are also favorites with bees. Sow 6 to 8 pounds per acre. Lb. 35c, postpaid; by freight or express, lb. 25c, 20 lbs. \$4, 50 lbs. \$9.50, 100 lbs. \$18.50.

**MELILOTUS** (Bokhara, or Sweet Clover). The great Clover for bees. This is a perennial Clover, widely distributed over a large area of the United States. It grows wild and promiscuously over most parts of North America in sections termed prairie countries. It delights in lime lands, and will thrive well even on wornout places. It does not seem to be adapted to red, gravelly soil. Wherever blue grass, clover and alfalfa thrive, Melilotus can be grown. The Melilotus plant is very much like alfalfa in appearance, but grows more rapidly and produces a much larger stalk. Melilotus is perfectly hardy and may be sown most any month in the year; October, November, also February and March are good months to sow. The seed will lie in the soil and come up at the proper time. It is frequently sown with winter grain in the fall of the year. When the grain is cut off in the spring the clover will come out and be ready to cut for hay very shortly. It can be cut repeatedly if rains are plentiful. It makes a very fine hay if not allowed to get too large. Melilotus is undoubtedly a valuable forage plant for enriching the soil, and especially is it valuable in such sections where other clovers do not seem to make satisfactory growth. This clover does well in Texas, and is becoming very popular; we would advise all our customers to try it. We are only handling fancy re-cleaned hulled seed this season, as we find it goes further and is much better to sow than the seed with the hulls on. Lb. 40c, postpaid; by freight or express, lb. 30c, 20 lbs. \$5.50, 50 lbs. \$13, 100 lbs. \$25.

AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS  
Department of Botany and Mycology

O. M. Ball, A. M., Ph. D., Professor in charge, Botanist to Station

COLLEGE STATION, TEXAS, NOV. 23, 1905

TEXAS SEED AND FLORAL CO., DALLAS, TEXAS.

Gentlemen:—I am now ready to report on the purity of the Alfalfa seed which you have sent me and will later make a full report as to the germination tests. I have been delayed in this matter through defective apparatus, but will in a short time finish these germination tests. The following is a list of the seeds you sent me:

**No. 3, Turkestan Alfalfa.**—Purity 99 per cent; number of foreign seeds in one-third ounce, 11, as follows: Narrow-leaved dock, 1; ribbed grass, 3; wild parsley, 4; green foxtail, 2; undetermined, 1. This is a fine sample of seed and contains no markedly injurious weed seeds.

**No. 4, Arizona Alfalfa.**—Purity 99 per cent; number of foreign seeds in one-third ounce, 5, as follows: Rough pigweed, 2; yellow dock, 2; undetermined grass, 2. This is also a fine sample, and the weed seeds are unimportant.

**No. 5, Utah Alfalfa.**—Purity about 99 per cent; number of foreign seeds in one-third ounce, 3, as follows: Dodder, 1; yellow foxtail, 1; undetermined, 1. Although dodder is present in these seeds, I do not find it to any great extent.

**No. 6, German Alfalfa.**—Purity 97.2 per cent; number foreign seeds in one-third ounce, 8, as follows: Stinking grass, 2; red clover, 2; common foxtail, 2; white goosefoot, 2. These seeds are not abundant enough to render the sample dangerous for planting.

**No. 7, Texas Non-Irrigated Alfalfa.**—The purity of this sample is very high. The inert matter consists of 1 per cent of broken stems. I have made three tests of this sample and have found no foreign seeds whatever. Judging from the appearance of the seed so far I can recommend this as a very superior seed.

In regard to the one-third ounce taken as sample to test the purity of these seeds, this is in accordance with the rules for seed-testing adopted by the Association of American Experiment Stations, and is the equivalent of five grammes in the French system. The germination tests will follow in a few days.

Very truly yours,

O. M. BALL.

NEW BOSTON, TEXAS, 12-8-'06.

"I thought I would write you what I did with my half-bushel of Rowden cotton seed that I bought of you. I planted about 1 1/4 acres. There happened to be a wet place in it that injured it at least one-fourth. I planted the second day of May in mud. The wet place was covered with water several days; then had seven weeks drought; on the 18th of June had hail that I thought had done it up for good. There was one bloom on the morning of the hail. After the hail there was no bloom nor was there one to be seen until the 28th, ten days later. The last two weeks in July and the first two weeks in August it rained almost every day. My neighbors said that I had just equivalent to one acre of land in it. I made 1625 pounds seed cotton which made a bale weighing 594 lbs. I could sell 100 bushels of the seed, if I had them, at \$1.00 per bushel."

(Signed) W. W. STRAIT.

## Tested Seeds.

We want to impress on all of our customers the necessity of buying pure seeds, especially Alfalfa. Before buying Alfalfa, we get samples and have them tested at the A. & M. College, for purity, and if the test shows that the seed is adulterated with other seeds to cheapen it or shows that it is infested with dodder, we do not buy, but only buy such lots as we find show a high percentage of purity and are free from dodder. This is a very important matter to the planter. Beware of cheap seeds. The best is always the cheapest. When you are offered cheap lots of Alfalfa or other seeds, you are almost sure to get poor quality. Alfalfa is often adulterated with trefoil and other low grade seeds, and usually a high percentage of weed seeds. It always pays to buy the best. The same applies to seed Corn, Sorghum, Millet and all other seeds.

We re-clean all of our seeds before sending them out, and put them up in first-class bags; therefore they are worth more than seeds that are not cleaned. It will pay you to take these facts into consideration when you decide who you are going to order your seeds from the coming season. We are always glad to submit samples when wanted.

Our new Warehouse, where all of our mail orders are filled, is the largest and most perfectly arranged building of its kind in the South.



**DWARF ESSEX RAPE**

There is an ever-increasing demand for this valuable and popular plant as its merits become more generally known each year. Where an abundance of the very best grazing is desired, at a very little cost and even less trouble, our advice is to sow Rape.



DWARF ESSEX RAPE

In appearance of leaf it is very much like the Swedish turnip, or rutabaga. For its best development it requires a rich, moist, loamy soil, and will always do well on any but light sandy soils or stiff clay; such soils usually being too deficient in vegetable matter. Any soil that will produce a good crop of turnips, cabbage, wheat or corn will do well for Rape.

Often fine rape may be grown on land that has already produced a crop of some early-maturing cereal such as rye, oats or barley. As soon as the crop of grain is removed the land is plowed or "disc'd" and at once seeded to rape. Field pea and other early-maturing forage crops of rye or winter oats that have been pastured off in spring may also be followed by Rape with profitable results. Another practice which is coming into favor in some sections of the country is to sow Rape in the spring with some grain crop such as wheat, allowing the former to take possession of the field when the latter has been removed. This method is especially satisfactory when succulent forage is desired for fall feeding. Rape may be sown in the cornfield just

before the last plowing, as is often done with rye and winter wheat. The Rape is usually ready for use in about 8 or 10 weeks from date of seeding. The general practice is to use it for the soiling crop or pasturage. With sheep and cattle, care should be taken at first not to allow the animals to eat too much, as there is danger of injury from bloating. Hungry animals should not be allowed to eat their fill, and it is not best to turn them into the Rape when the leaves are wet. Animals should have free access to salt at all times when being pastured on this crop. Under favorable conditions three to four pounds of seed per acre will be sufficient, and it will never be necessary to use more than five pounds per acre. The seed should be planted in drills far enough apart to allow cultivation. Lb. 25 cts., postpaid; by freight or express, purchaser paying charges, lb. 15c, 20 lbs. \$2, 100 lbs. \$7.50.

**PEANUTS**

Our Texas farmers have commenced to recognize very generally that the Peanut crop is a money-maker when a good productive variety is used for seed in planting. A sandy, loamy, loose soil is best for them. One of our most successful growers writes us, in regard to the best method of planting and harvesting, as follows: "The first thing to do is to prepare your ground well, then lay it off with a shovel plow, in rows 3½ feet apart, planting one Peanut in a place every 16 or 18 inches if planted in the hull; if hulled, 2 kernels to the hill; the latter being the best method. Cultivate thoroughly, and keep the land as nearly level as possible. It will require about ¾ of a bushel to the acre, unshelled. When they are matured, have them pulled up, turning the roots to the sun; if the weather is bright, they will cure sufficiently to haul in and stack, or store in a barn, in twenty-four hours. If the soil should be hard, run a plow as close as you can to one side, loosening the soil, and they will not be hard to pull." After being threshed or hand-picked, the vines make excellent hay.



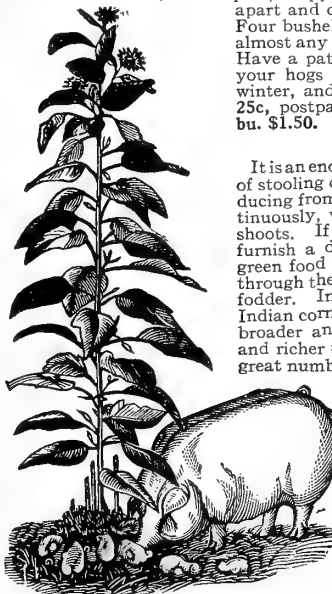
**SPANISH.** The earliest variety grown. Pods small, but remarkably solid and well filled, and the yield per acre very large; the best variety to grow for fattening hogs. Lb. 25 cts., postpaid; by freight or express, lb. 15c, 10 lbs. \$1, 100 lbs. \$7.

**VIRGINIA IMPROVED.** The mammoth Virginia Peanut is a very profitable variety to grow, and is more largely planted in the peanut growing section of Virginia than all other varieties combined. It is easily cultivated; has very erect stems, upright foliage, larger pods and kernels than any other variety; also yields fewer imperfect pods. The vines make a valuable forage for stock. Lb. 25c, postpaid; by freight or express, lb. 15c, 20 lbs. \$2, 50 lbs. \$4.50, 100 lbs. \$8.50.

**TENNESSEE RED.** This is the finest variety of Peanut grown. It is especially adapted to black waxy land, as well as sandy land. There are three large nuts in each pod, and it is very prolific. The party from whom we secured our seed this season gathered 4 tons of nuts and vines from 1½ acres. Lb. 25c, postpaid; by freight or express, lb. 15c, 20 lbs. \$2.50, 100 lbs. \$10.

**WHITE FRENCH or JERUSALEM ARTICHOKE**

The greatest food for hogs ever known. Plant from January until April, the sooner the better. Cut one eye to the piece, as for Irish potatoes; plant in rows from 3 to 3½ feet apart, dropping the pieces about 15 or 20 inches apart and covering with about 2 inches of soil. Four bushels will plant an acre. They grow in almost any soil, and are enormously productive. Have a patch of Alfalfa or Bermuda Grass for your hogs in summer, one of Artichokes for winter, and go in for raising more hogs. Lb. 25c, postpaid; by freight or express, pk. 50c, bu. \$1.50.



JERUSALEM ARTICHOKE

**TEOSINTE**

It is an enormous yielder, on account of its habit of stooping out so abundantly, a single seed producing from 25 to 40 stalks. It can be cut continuously, which only increases the number of shoots. If a sufficient quantity is sown it will furnish a daily supply of the most nutritious green food for horses and all kinds of cattle all through the summer, also making a splendid dry fodder. In appearance it is somewhat like Indian corn, but the leaves are much longer and broader and the stalks contain much sweeter and richer sap. In its perfection it produces a great number of shoots, 10 to 12 feet high, very thickly set with leaves, yielding an abundance of forage of the highest quality. Sow in April, May or June, in drills 3½ to 4 feet apart, at the rate of 3 pounds to the acre. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.10, postpaid; by freight or express, not prepaid, lb. \$1.00, 10 lbs. \$8.50.

Send us a list of your wants and we will quote you prices.

Jefferson, Texas, Sept., 1906.  
"I made 96 gallons of syrup from a quarter of an acre of your Seeded Ribbon Cane last week, and it is nice. The cane grew from ten to fourteen feet high on old sandy land. I hauled nine good loads. Every farmer here now wants it. I have given several your address."

(Signed) B. J. CONNOR.

**TREE SEEDS**

We list the leading varieties used in the South. Write us if other sorts are wanted, and for special prices.

**CATALPA.** Speciosa. oz. 15c, ¼ lb 40c, lb \$1.50.  
**OSAGE ORANGE.** Oz. 10c, lb 60c, postpaid.  
**RUSSIAN MULBERRY.** Oz. 20c, lb \$1.75, postpaid.  
**BLACK LOCUST.** Oz. 10c, lb 50c, postpaid.  
**HONEY LOCUST.** Oz. 10c, lb 50c, postpaid.  
**BOX ELDER.** Oz. 10c, lb 60c, postpaid.

We can also furnish a great many other varieties. Send us a list of your wants, and we will quote you prices.

**VEGETABLE PLANTS AND ROOTS**

We grow large quantities of Vegetable Plants and Roots, and can supply all the varieties listed below in the proper season.

**ASPARAGUS ROOTS**—Conover's Colossal. 2 yr. roots, 25c. per doz. 75c. per 100, \$6.50 per 1,000. Palmetto. 2-yr., 25c. per doz., 75c. per 100, \$6.50 per 1,000. Columbian Mammoth. 2-yr. roots, 25c. per doz., \$1 per 100, \$7.50 per 1,000. Cabbage Plants. Ready after March 15. 12½. per doz., 50 c. per 100, \$3.50 per 1,000.

**EGGPLANT.** New York Improved Large Purple. Ready in April. 20 cts. per doz., \$1.25 per 100.

**HORSE-RADISH SETS.** 25 cts. per doz., 60 cts., for 50, 90 cts. per 100.

**PEPPER PLANTS.** Large Sweet Bell. Ready in April. 15 cts. per doz., 75 cts. per 100.

**RHUBARB ROOTS.** Strong roots, 20 cts. each, \$2 per doz., small roots, 10 cts. each, \$1 per doz. CRIMSON WINTER, 20c each; \$2 doz.

**SWEET POTATO.** Slips, 50 cts. per 100, \$3.50 per 1,000.

**TOMATO PLANTS.** Ready in April. 10 cts. per doz., 50 cts. per 100, \$3.50 per 1,000.

**PLEASE NOTE.**—We send Vegetable Plants and Roots by express only at buyer's expense. Special prices to buyers of lots.

# Plants for the House and Garden

**Our Guarantee.**—We guarantee every package sent out by us to reach its destination in good condition. If a package is lost in the mails, or its contents injured in any way, notify us at once and we will refill the order, or the unsatisfactory portion of it.

**Express Orders.**—All who live in towns or near depots where there is an express office, and are willing to pay their own express charges, will invariably receive larger plants, packed a little heavier than those sent by mail, and we feel sure that those who order this way will not grudge the extra outlay when they examine what they get.

Hoping to be favored with your orders for plants, we are,

Yours truly,

TEXAS SEED AND FLORAL CO.

Dallas, Texas

## CLUB ORDERS

Any one who will spend a few hours time soliciting friends to join in sending orders to us can easily obtain a supply of plants with no outlay of money to himself. As an inducement to those who will aid us and themselves, we make the following liberal offers:

Clubbing Discounts on plant Orders When Mailed Prepaid by us										Clubbing Discounts on plant Orders Sent by Express at Buyers' Expense									
For Remittance of \$2 you may select extra plants valued at . . . . . \$0 30										For \$2 select extra plants to the value of . . . . . \$0 50									
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And for each dollar sent above \$10, you may select extra plants to the value of 30 cents.										And for each dollar sent above \$10, you may select extra plants to the value of 40 cents.									

Purchasers are entitled to above rates on each order as sent in; discounts cannot be made on a total of orders sent in at different times.

These clubbing rates apply only to a general collection of plants, at the price per single plant. They do not apply to prices by one-half dozen, dozen or hundred, or to seeds, tools or other articles.

Individual orders for above amounts are also entitled to these discounts. Although we send some extras of our selection with every order, we offer no premiums on orders amounting to less than \$2.

These reductions do not apply to the "SPECIAL OFFERS" or "COLLECTIONS" at reduced prices

**Lone Star Collection**  
**20 ROSES FOR \$1.00**

comprising **Twenty** beautiful everblooming roses, **Our Selection**. If you want beautiful rosebuds all summer, plant this set. If there is no room in the front yard, plant in the garden, which is a capital place to grow Roses for flowers. In ordering, please say **Lone Star Collection**. When sent by express we leave the dirt on the roots.

As we have a larger stock of some varieties of roses than others, we offer this collection of Roses to our customers who are not particular to have them named. All will be first-class plants but unnamed. For One Dollar we will send by mail, postpaid, to any postoffice, or by express, purchaser paying express charges, the **Lone Star Collection**,

## Special Dollar Collections

OUR SELECTION OF CHOICE SORTS

choose to induce your neighbors to join in with you we will send three of the collections by express for \$2.50, or five collections for \$4—but in no instance can we break the collections. By a little effort you can secure one or more collections free, by inducing your friends to join you in ordering. All plants plainly labeled and all fine varieties. These collections not allowed in the clubbing list, but individually. When sent by express, purchaser pays express charges. **Order by letter.**

For the convenience of those who may be new beginners in the culture of plants we have arranged the following collections, which we feel sure will give the best of satisfaction. If you are unfamiliar with plants, try one of these collections and we feel sure you will be pleased. We will send these collections by mail, or if you

**COLLECTION A.**—5 Roses, 5 Carnations, 5 Geraniums, 5 Chrysanthemums.

**COLLECTION B.**—3 Roses, 3 Carnations, 3 Chrysanthemums, 1 Hibiscus, 3 Geraniums, 3 Coleus, 3 Begonias, 1 Plumbago.

**COLLECTION C.**—2 Roses, 2 Carnations, 2 Chrysanthemums, 2 Hibiscus, 2 Heliotropes, 2 Geraniums, 2 Verbenas, 2 Violets, 2 Begonias, 2 Coleus.

**COLLECTION D.**—1 Sprenger's Asparagus, 1 Palm, 1 dwarf Orange, 1 Boston Fern.

**COLLECTION E.**—1 Lemon Verbena, 1 Salvia, 2 Heliotropes, 1 Begonia, 2 Tuberoses, 2 Geraniums, 2 Hibiscus, 2 Gladiolus, 2 Coleus, 2 Ferns, 3 Pansies.

**COLLECTION F.**—8 Tuberoses, 8 Gladiolus, 1 Caladium,  
3 Cannas.

**COLLECTION G.**—6 Ferns, 6 Basket Plants.

COLLECTION H.—6 Cannas, 7 Gladiolus, 7 Tuberoses.

**COLLECTION I.**—2 Antirrhinums, 2 Asparagus Ferns, 4 Verbenas, 2 Paris Daisies, 2 Boston Ferns, 2 Ageratums, 2 Chrysanthemums, 2 Hibiscus, 2 Violets.

# General Collection of Plants for House and Garden Culture

In the following pages we list a most complete collection of such plants as are most desirable for the southern home. Remember, we are southern growers, and we spare no trouble to secure the best plants for this climate.

## ABUTILON

Beautiful and very popular plants of easy culture, growing from 2 to 3 feet high. They are fine for bedding out during the summer, being a mass of bloom all the while. If kept in pots in summer, they will bloom very freely in the winter. They cannot be too highly recommended, being entirely free from insects of every kind, and will thrive with but little attention.

**SAVITZII.** The best of all variegated Abutilons. Forms a compact, bushy plant, free from all trace or appearance of coarseness. Foliage bright pleasing green, broadly edged with white, producing a cheering effect when used with Cannas or other plants as an outdoor bedder. The variegation is very much whiter than *Souv. de Bonn*, often the white predominating. This is really a beautiful plant; one of the finest variegated plants ever sent out. 15 cents each.

**SOUVENIR de BONN.** It is a strong, upright grower, with large, bright green foliage, distinctly edged with a broad band of creamy white and yellow. Flowers very large, on stems 8 or 9 inches in length. Color bright orange-red; very effective with its beautifully variegated foliage. 10 cents each.

**ECLIPSE.** Fine for baskets and vases, trailing in habit. Its foliage is very attractive, beautifully marked dark green and yellow. Flowers bright yellow, with crimson throat. 10 cents each.

## ALTERNANTHERA

Beautiful dwarf plants of a compact habit, growing about 6 inches high and admirably adapted for edging to flower beds.

**AUREA NANA.** Bright golden yellow, holding its color well the entire season. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

**AMOENA SPECTABILIS.** Crimson, pink and brown; the finest and brightest. 5 cts. each, 50 cts. per doz., \$3.50 per 100.



ASPARAGUS SPRENGERI

## ORNAMENTAL ASPARAGUS

**SPRENGERI.** Especially useful to grow as a pot-plant for decorative purposes, for planting in ferneries or in suspended baskets. It grows freely the whole year and makes an excellent house plant. A vigorous grower, producing sprays 4 to 5 feet long, of fresh, green, feathery foliage. Useful

for bouquets, wreaths or sprays, remaining perfect for weeks after cutting. Strong plants, 25 cts.; specimens, 50 cts. and \$1.

**PLUMOSUS NANUS.** A beautiful climbing plant, with bright green, gracefully arched foliage, surpassing Maidenhair Fern in grace, delicacy of texture and richness of color. The fronds are 12 to 15 inches long and taper to a point from a width of 12 inches. Beautiful for decoration. 25 cts. and 50c.

## ARAUCARIA EXCELSA

(Norfolk Island Pine)

This beautiful plant resembles the pine somewhat, though much finer in texture. It is particularly adapted to table decoration and is most unique in appearance, the branches being arranged in neat, symmetrical whorls. By express, \$1 and \$2; specimen plants, \$5 and \$7.50 each.



ARAUCARIA EXCELSA

## ANTIGONON LEPTOPUS

("Mountain Rose," or "Queen's Wreath")

A lovely climber from central Mexico, with beautiful rose-colored flowers in racemes 2 feet long. The profusion of bloom is such as to give the appearance of roses at a distance, hence its Mexican name, "Rosa de Montana," or Mountain Rose. It is moderately hardy with protection; the vines are killed to the ground by frost, but grow and bloom the next spring. Strong roots, 25 cts. each; 2½ inch pots, 15 cts.

## ANTIRRHINUM

(Snapdragon)

**QUEEN OF THE SOUTH.** Beautiful and showy. Pure white, with yellow throat; will bloom all summer, and if kept in pots will also bloom all winter in the house; fine for cutting. 10 cts. and 25 cts.

## AGERATUMS

**STELLA GURNEY.** It is undoubtedly the finest Ageratum yet introduced. Color a deep even blue, and literally forming a sheet of bloom all summer. Dwarf and compact in growth. One of the best bedding plants to date, and equally valuable for baskets and vases. 10 cts. each, 75 cts. per doz.

**PRINCESS PAULINE.** A most distinct and novel variety of dwarf compact habit, rarely exceeding 5 inches in height, its peculiarity being that both colors, blue and white, are combined in the same flower. 10 cts. each, 75 cts. per doz.

## AZALEA, CHINESE

Beautiful plants for window or conservatory. The ease with which they can be grown and their diversity of color will always keep them in public favor. Pink, White and Red. We can supply plants at \$2.00 and \$2.50, each.

## AMARYLLIS

**FINE HYBRIDS OF JOHNSONII.** These are very showy and admirably adapted for pot culture, blooming almost every two months. The flowers are brilliant vermilion, striped with white. The bulbs must be kept at rest for two or three months every year, or planted in the open ground every summer. One of the surest blooming species. Price according to size. 50 cts. and 75 cts. each.

## ALYSSUM, SWEET

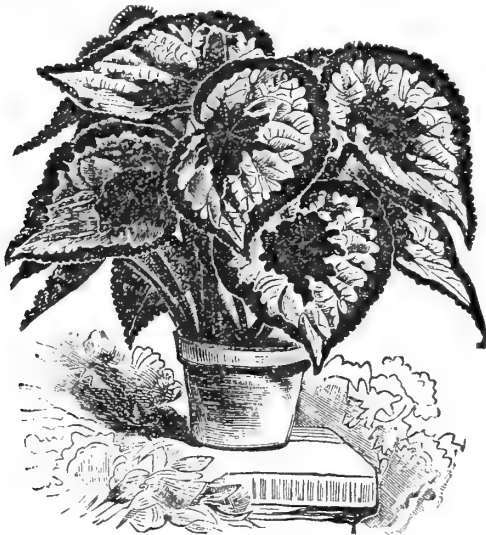
**DOUBLE WHITE.** Very pretty and dainty. 5 cts. each, 50 cts. per doz.

If you want large, strong Plants it is best to have them sent by express, as we then can leave the dirt on roots and they arrive in better condition.

## BEGONIAS

10 cts. each, \$1 per doz., except where otherwise noted; large plants 25 cts. and 50 cts. each.

**ALBA PICTA.** Very ornamental; has long, ear-shaped, medium sized leaves of darkest green, with silvery spots. One of the most attractive varieties.



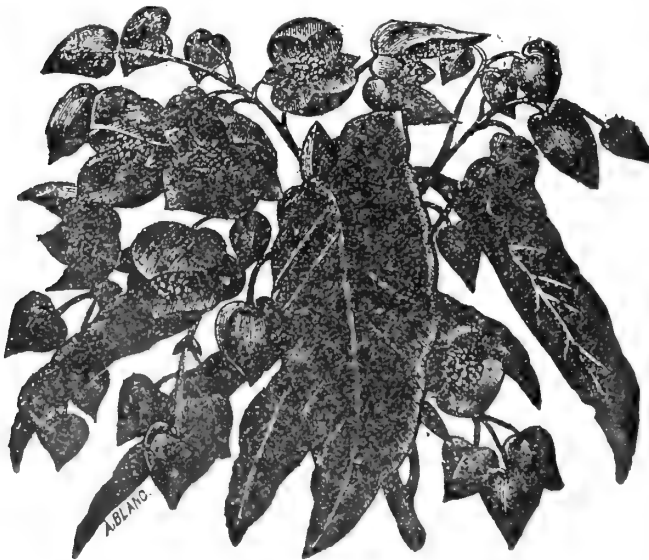
REX

summer, and is one mass of bloom from June until frost. It is also a very showy pot-plant for spring sales. Habit of growth strong and compact; color deep rosy pink. We have a splendid stock and offer it at an exceptionally low price, and can guarantee entire satisfaction. 15 cents.

**FEASTII.** (Beefsteak Begonia). A low-spreading Begonia, with perfectly circular leaves, red beneath and dark glossy olive-green above; flowers pink, sent up on long stems; very easy to grow. 15 cts., 25 cts. and 50 cts.

**MADAME de LESSEPS.** In the style of *B. Argentea Guttata*, but with much larger leaves, beautifully spotted with silver. A very strong-growing sort that will do well and give satisfaction. Bears a profusion of dainty white flowers.

**PRESIDENT CARNOT.** A remarkably strong-growing variety of stiff, upright habit; somewhat in style of *B. Rubra*, but much larger in flower and leaf. Flowers beautiful coral-red, in large, pendent panicles. 15 cents.



RUBRA

**RUBRA.** Dark, glossy green leaves, free flowering; flowers rich coral-red in large, pendent panicles. One of the best and is noted for its long-blooming period.

**ALBA PERFECTA GRANDIFLORA.** This variety closely resembles the well-known *B. Rubra* in foliage and growth, with beautiful white blossoms.

**REX.** (Painted-leaf Begonia). These are grown for their handsome variegated foliage. For house culture, baskets, vases, etc. there is nothing more beautiful. We have a very fine assortment. 25 cts. and 50 cts.

**ARGENTEA GUTTATA.** Has the silver leaf blotches of *B. Alba Picta*, but has purple-bronze leaves, oblong, with silvery markings; flowers white, on the tips of the stems.

**ERFORDIA.** Has all the good qualities of the famous bedders, *Vernon* and *Dewdrop*. It will stand the strong sun in

**BERTHA de CHATEAUROCHER.** A flowering species, having flowers of a bright currant-red. A very free-flowering Begonia.

**FOLIOSA.** A handsome plant; the foliage is small and delicate, and contrasts well with its white blooms.

**FUCHSIOIDES COCCINEA.** Elegant, free-blooming variety. It resembles *Hybrida multiflora* in growth; the flowers are bright scarlet.

**ROBUSTA.** The flowers are borne in clusters, and with the coral-red buds form a most elegant and chaste appearance.

**SANDERSONII.** (Coral Begonia). The flowers are a scarlet shade of crimson, borne in profusion for months; leaves slightly edged.

**McBETHII.** Foliage fern-like; panicles of pure white flowers produced in great profusion.

**MARGUERITE.** Leaves bronzy green, somewhat resembling *Metallica* large trusses of light rose-colored flowers.

## BOUGAINVILLEA



BOUGAINVILLEA SANDERIANA

## SANDERIANA.

This beautiful free-flowering variety is very popular, especially as a plant for Easter. It is of strong and rapid growth, and the brilliant rosy crimson blossoms are produced from early in March until mid-summer; in fact, a plant will frequently flower the greater part of the year. Altogether it is a most desirable subject for the conservatory or window garden. 25 cts. each.

If you want large, strong plants, it is best to have them sent by express, as we can then leave the dirt on the roots and they arrive in better condition.

## CANNAS

Strong plants, 10 cts. each, \$1 per doz., except where noted.

The most desirable bedding plant for the American garden. Give rich soil and abundance of water when the plants are in full growth.

**NEW EVERBLOOMING WHITE CANNA, MONT BLANC.** Three feet. This magnificent *New Canna* is the result of many years of careful hybridizing, and we now have the pleasure of introducing the finest *White Canna* in commerce. *Mont Blanc* has a vigorous constitution, and produces its large, beautiful white flowers on strong branching stalks well above the foliage. It blooms early and continuously in the grandest profusion during the whole growing season, until stopped by freezing weather. Its foliage is a bright glossy green; very large and handsome, and so thick and leathery it is not often injured by rain or wind. It is a strong-growing, vigorous variety, and will produce from fifteen to twenty flower-stalks in a season. Its great mass of snowy white flowers contrast finely with the splendid crimson and pink varieties, making as gorgeous flower beds for the lawn or garden as it is possible to have. 35 cts. each, \$1 for 3.

**ALPHONSE BOUVIER.** Bright crimson flower-spikes, two or three to the stalk; very large and full, all blooming together.

**FLORENCE VAUGHAN.** The finest yellow-spotted *Canna*. Flowers very large, brilliant yellow, spotted with bright red; a strong grower and free bloomer.

**ITALIA.** Bright, orange-scarlet, with a very broad golden yellow border. The flowers, which are produced on massive stems about 16 inches long, are set well above large, heavy foliage.

**QUEEN CHARLOTTE.** Rich crimson-scarlet, with wide gold border on every petal. It blooms profusely, and the flower-spikes, which is very large and full, stands well above the leaves.

**AUSTRIA.** A counterpart of *Italia*, except in the color of its flowers, which are of a pure canary, with but few traces of small reddish brown spots in the center of the two inside petals.

**CHICAGO.** The best of all the red varieties. Foliage green, 9 to 10 inches wide; flower-truss and stalk stands boldly erect. The large flowers open out nearly flat; petals 1½ inches wide and five in number. Color a clear deep vermilion, without markings, under a purplish gloss. 5 feet.

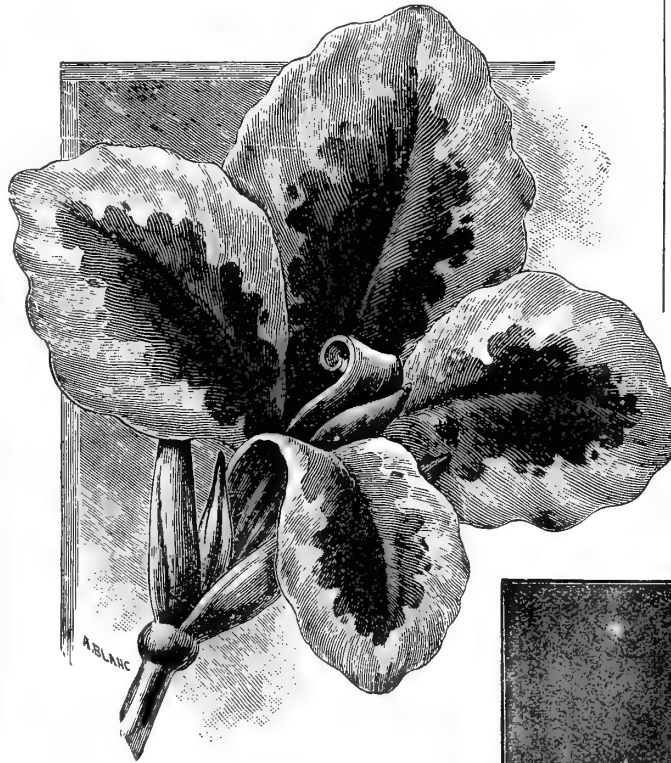
**MLE. BERAT.** The best bedder. Flowers a very soft shade of rosy carmine; petals long, graceful. A bed of this variety is simply superb, making a good show of flower-trusses all the time; solid mass of pink. Leaves green. 5 feet.



**CANNAS, Continued.**

**PRESIDENT CLEVELAND.** This variety attracted widespread attention last season, and is conceded to be one of the finest introductions of late years. Color bright orange-scarlet; very showy; one of the best blooming sorts on our grounds this year.

**PRESIDENT MCKINLEY.** Medium sized flowers of good substance; color a fiery deep crimson. Blooms profusely, throwing a strong flower-spike. Leaves green. 5 feet.



QUEEN CHARLOTTE

**ALLEMANIA.** Orchid-flowered. Beautifully mottled and variegated scarlet, red and yellow.

**MARTHA WASHINGTON.** A grand pink-flowered variety.

**MRS. KATE GRAY.** Orchid-flowered. New. Flowers measure 6 inches in diameter; the largest of all Cannas; brilliant orange-red; very fine. A magnificent variety.

**DUKE OF MARLBOROUGH.** This is decidedly the darkest and richest flowered Canna in existence, being a deep crimson-maroon, with a velvety appearance. A good grower. 4 feet high with very dark green foliage.

**ELDORADO.** The flowers are of the largest size head full, and borne well erect above the foliage, while, the habit is more dwarf and compact than Madame Crozy. The color is a rich, pure golden-yellow speckled with a red so light that the general effect, even at a very short distance, is that of a pure golden-yellow. In this we have an ideal yellow Canna, the flowers are of full size, and drooping from the spike as soon as faded, leaving the bed always a mass of brilliant color.

**CHARLES HENDERSON.** A splendid dwarf, compact grower, sending up erect, compact heads of immense flowers. Dark crimson, marked in center with gold pencilings.

**TRUE MERIT, LIKE THE FRAGRANCE OF THE ROSE, CANNOT BE CONCEALED**

**SIX NEW CHRYSANTHEMUMS**

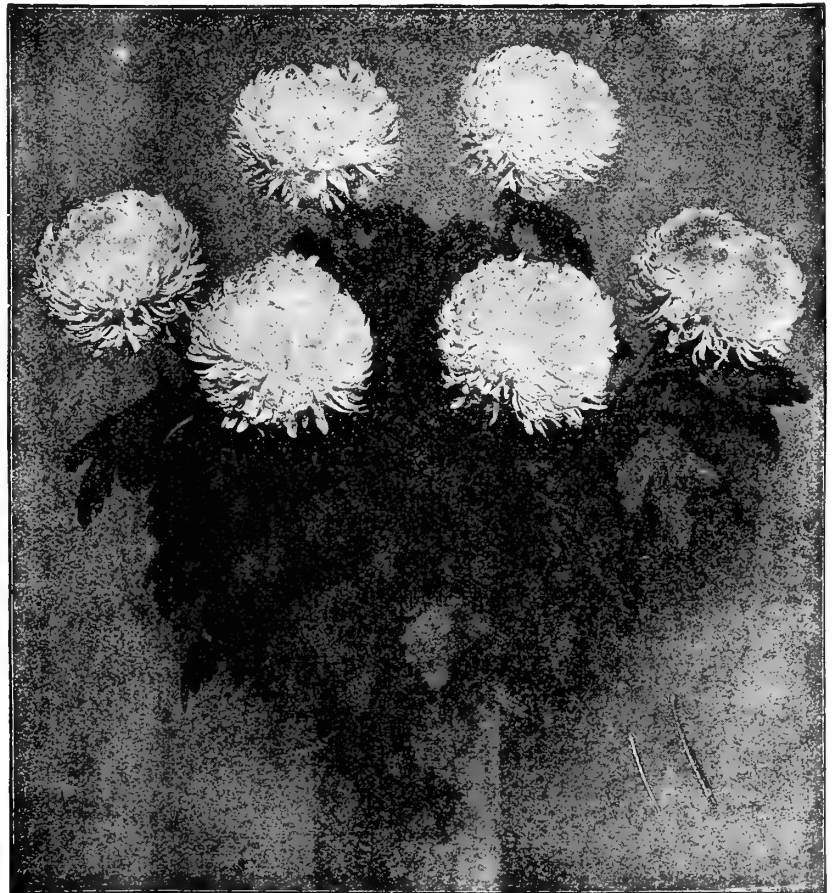
50 cents each or the set of six for \$2.50.

**LANONA.** An immense Japanese bloom, flowering at a time when large blooms are scarce. It is exceedingly artistic in build, being irregularly incurved, but not too close to detract from its graceful outline. In color it is pure white with center petals slightly tinted roses enhancing its beauty. An important feature is its dwarf, sturdy growth, rarely exceeding 3 feet in height and ample foliage to cover the stiff stems. With ordinary culture the blooms will attain a diameter of 8 inches. It will be especially valuable for early exhibitions, being in perfection Oct. 20th to 25th.

**ADREA.** Exhibited as 34-13-03. As the parents of this variety are so well known as ideals of their color, we can add very little to its description. A loosely incurved Japanese of large size, on strong stem with small commercial Perrin foliage. In color it is bright clear pink with beautiful lighter reverse, which shows in the slightly incurving tips, giving a frosty appearance. It is of the easiest culture and attains a height of 5 feet. Best bud is crown taken Aug. 30th to Sept. 5th. At its best Nov. 1st to 5th.

**PRESIDENT ROOSEVELT.** It is its equal in size, of the same sturdy, short-jointed growth and beautiful Japanese incurved form as Merza. Its color is unique but exceedingly beautiful, being white ground with light shell pink center and on tips of each petal, giving the entire bloom a light pink appearance and is especially attractive under artificial light. Unlike Merza it is of the easiest culture. As a cut flower, either commercial, exhibition or pot plant it has few equals and will be grown in quantity. Fully developed Nov. 5th to 10th and crown buds Aug. 30th to Sept. 5th produce the best colored blooms. Silver Medal at Philadelphia, Winner in Class, "Best American Seedling judged from Commercial point of view," and Certificate at Indianapolis.

**MAYOR WEAVER.** Another Perrin seedling and an improvement both in color and size. It is perfectly double from either bud, but larger and better flowers are produced from crown taken Aug. 30th to Sept. 5th. It easily attains a diameter of 7 inches and height of 4 to 4½ ft. Stiff Perrin stems well clothed with heavy foliage to the flower, which is a loose Japanese incurved of a bright rose pink color with glistening lighter reverse. It equals either parent in substance and we heartily recommend it as a grand addition to the commercial pinks. Certificate Horticultural Society of Chicago.



PRESIDENT ROOSEVELT

## CHRYSANTHEMUMS, Continued.

**TIOGA.** Its parents are known throughout this country as models among dwarf varieties. It inherited their sturdy, short-jointed growth, never exceeding 3 feet in height, irregularly, reflexing petals, cupped to the tips forming a large bloom of great depth. Color, creamy white. The stiff stem is covered with an abundance of foliage close to the flower. Take either bud, but best from late crown about Sept. 10th. It possesses exceptional keeping qualities and will rival the best as a commercial or exhibition variety, either in pots or single stem cut bloom. Early midseason Oct. 25th to Nov. 1st.

**VENETTA.** Briefly described as a double Mrs. Jerome Jones. Closely incurving Japanese of large size, pure white body with creamy center. It possesses excellent substance, showing in a glossy finish on petals. Exceptional strong grower, never exceeding 4 ft. in height, and its heavy stiff stem is furnished with an abundance of foliage to the flower. Double from either bud. In perfection Nov. 15th to 20th. Its easy culture will give it a prominent position among late whites. C. S. A. Certificate, scoring 90 points.

## CHRYSANTHEMUMS

(General Collection)

10 cts. each, 75 cts. per doz., except where otherwise noted

## WHITE

**MRS. H. ROBINSON.** The grandest early white variety; immense incurving, broad-channelled petals of great substance.

**CLEMENTINE TOUSET.** (Early Chadwick.) Very large, loosely incurved bloom, flowering in early October, and in growth, color and general habits resembling the popular W. H. Chadwick. It is a splendid shipper and keeper, and a valuable addition to the early varieties. Color, pure white from early buds, terminals sometimes tinted pearl. Double from either bud. 20 cts. each.

**MDLLE. JEANNE NONIN.** This variety has fulfilled all our expectations, developing into a large perfect flower. It resembles Tim. Eaton in form, color and size, but does not perfect its flowers until Thanksgiving. The growth is dwarf and foliage very heavy. Will occupy a prominent place among late whites. 25 cts. each.

**WHITE BONNAFFON.** Color pure white; form identical with Bonnaffon. Growth very short-jointed, not exceeding 3 feet in height. Foliage large and very deep green. Its lateness (November 20 to 30) greatly enhances its value. Take terminal bud about October 10.

**MRS. JEROME JONES.** Grand stem and beautiful foliage; quite dwarf; flowers waxen white, with broad, incurving petals. One of the finest.



TIMOTHY EATON

valuable for exhibition or commercial purposes. Perfectly double. Every flower is perfect. Midseason variety. Size, 6½ inches; height 4 feet. 20 cts.

**VIVIAND MOREL.** One of our finest standard pink varieties.

**MRS. PERRIN.** The very nearest approach to the true pink so long desired. It has slender stiff stems and ornamental foliage. The flower is of globular form, incurving, full, and with a finish as fine as satin. Color rose-pink within, glistening pink without.

## YELLOW

**GOLDEN WEDDING.** There is no finer yellow than this variety when well grown; the blooms are enormous, shining golden yellow; grand in habit and foliage.

**TIMOTHY EATON.** The sensation of the year is this giant white variety. The largest Japan incurved variety to date; round perfect flowers, stems stiff and strong, foliage perfect, color a most delightful creamywhite; a perfect gem and a flower of a million. 15 cts.

## PINK

**DR. ENGUEHARD (Nonin).** Japanese incurved. One of the best introductions of recent years. Has been awarded highest honors wherever exhibited. Color a true pink without the least trace of purple. Stem and foliage perfect. Equally

**MAJOR BONNAFFON.** Soft, clear yellow, crowded with petals, quite globular; growth extra good; perfect in form and finish. The great blooms are sometimes 6 to 7 inches across and nearly as deep; the color has a peculiar luminous quality.

**COL. D. APPLETON.** A very large, deep golden yellow Japan incurved flower, of fine finish and form. Excellent stems, with foliage up to the flower, and an easy grower. Terminal bud only. This was in nearly every prize-winning collection last fall, and is destined to become one of the best commercial varieties introduced for years. 15 cts.

**ADELIA.** Japanese incurved. Petals of great substance and pure white in color. Stiff stems well foliaged; height, 4 feet. Second crown.

**YELLOW EATON.** A bright yellow sport from Timothy Eaton, only a shade lighter than Appleton, and especially valuable as the best in its color to follow that fine variety up to the close of the Chrysanthemum season. Foliage very beautiful; stem first rate, and quite strong enough to hold up the monster blooms, which do not show the coarseness sometimes attributed to Eaton. For everybody's use and for commercial purposes as well as for show, we can cheerfully recommend this grand variety. It is strictly A No. 1.

**MRS. GEO. F. BAER.** The yellow sport from Mrs. Jerome Jones. The color is good, and it fully equals its parents in all other essential points.

## RED

**BLACK HAWK.** Dark crimson-scarlet; large, strong grower; stiff stem; grand foliage; finest variety of this color grown.

## HARDY POMPON CHRYSANTHEMUMS

These pretty little miniature Chrysanthemums are growing in popularity each year; they are very decorative, and can be used in many situations where the big 'mums cannot, because they are hardy and can stand frost even when in bloom. We have about twenty varieties of these which we have tried, and they certainly make a beautiful show in the garden late in the season when everything else is gone. The following are the varieties we have:

## LARGE-FLOWERING, OR ASTER VARIETIES

The best for decorating or bunching

<b>ALICE CAREY.</b> Bright orange, shaded bronze.	<b>QUEEN OF WHITES.</b> Creamy white; fine.
<b>DAYBREAK.</b> Daybreak-pink.	<b>SALEM.</b> Clear rose, pink, white disc, open center.
<b>LADY de VAUL.</b> Violet-pink.	<b>SIS HOPKINS.</b> Silver-bronze.
<b>BLLENHEIM.</b> Magnificent silver-pink.	<b>SOEUR MELAINE.</b> Dwarf, pure white.
<b>BOHEMIA.</b> Fine pure yellow.	<b>ST. ANSELM.</b> Pure white, open center.
<b>CERISE QUEEN.</b> Beautiful cerise-pink.	<b>STRATEGEM.</b> Dark red-orange.
<b>PRINCE OF WALES.</b> Best pure white.	<b>SUNSET.</b> Scarlet-bronze, golden center.
<b>QUEEN OF BUL.</b> Violet-rose.	<b>SURPRISE.</b> Clear lilac.
<b>RUBY QUEEN.</b> Dark ruby-red.	

10 cts. each, \$1 per doz.

SMALL-FLOWERED  
OR BUTTON VARIETIES

Suitable for bedding, pot-plants, etc.

**ANNE ARUNDEL.** Orange, tipped scarlet.  
**GOLDFINCH.** Golden-yellow, shaded crimson.  
**JACK.** Violet-rose.  
**NELLIE RAINSFORD.** Dwarf; bronze-pink.  
 2-inch pots, 10 cts. each, \$1 per doz.

## CALLA LILY

Large plants, from 5 to 6-inch pots, California strain. 50 cts. to \$1 each. A favorite house plant of easy culture, requiring an abundance of water during the growing season.



CALLA LILY

## CARNATIONS

We make a specialty of Carnations and grow them in large quantities. We find the demand for them is increasing more and more every year. They are almost hardy in the South, requiring only slight protection in very severe weather. Plant very early in the spring, so that they will get well established before hot weather. Pinch the top shoots several times during the summer, to encourage a bushy growth. If wanted for winter blooming, pot in October. The cut flowers will last a week or more in an ordinary sitting room, and very few flowers have such a delightful fragrance.

10 cts. each, 75 cts. per doz., except where otherwise noted.

**MRS. THOMAS W. LAWSON.** It is a beautiful shade of pink, 3 to 4 inches in diameter, on strong, erect stems. It is such a grand flower that the originator was paid \$30,000 for the original stock—the highest price ever paid for a plant novelty in this country.

**BOSTON MARKET.** Pure white, large flowered; very popular.

**THE QUEEN.** Undoubtedly the money-making white. Popular east and west.

**WHITE LAWSON.** An ideal white, a sport from the well known "Lawson," equally as good in every respect. Every grower succeeding with the pink form, will be sure to grow this in quantity, as the white color will be even more profitable.

**ENCHANTRESS.** One of the finest varieties extant, and the largest to date; color, exquisite day-break pink.

**MRS. PATTEN.** Variegated. White, daintily marked with Lawson pink; an early and free bloomer of good commercial value.

**RED LAWSON.** A bright, pleasing scarlet, habit and growth like Lawson; an excellent keeper; size 3 inches and over; has all good qualities of its parent in addition to the good red color.

**QUEEN LOUISE.** Flower pure white, fragrant, large, 3 inches and over. Center well filled, rounding the flower to a most pleasing form. The color is very pure; stem exceptionally long; grass fine and crisp, with plenty of bloom, and it is an excellent producer.

## CLEMATIS

Especially adapted to open lawns or house fronts in the city or country. Perfectly hardy; blooms the entire season, bearing beautiful and lasting flowers.

**LARGE-FLOWERING JACKMAN.** This variety, with its strong, healthy growth, hardy nature and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November, on shoots of the present season; should be pruned early in the

spring. beautifully marked foliage. This will last for several years as they are bulbous and can be bloomed each year. Strong plants, 50 cts. and \$1 each.

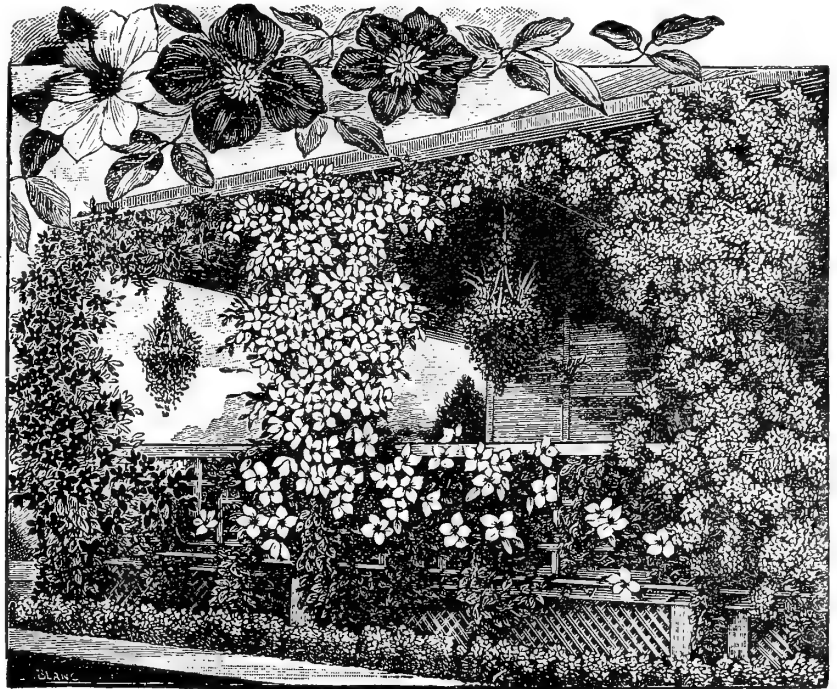
## TWO GRAND NEW COLEUS

**SENSATION.** The grandest coleus of recent years; leaves 8 to 10 inches long and 5 inches wide; has a deep velvety texture, beautifully scalloped edge; color crimson maroon with center of light red. A magnificent variety. 25 cts. each, \$2.50 per doz.

**CHRISTMAS GEM.** The foliage of this most beautiful Coleus is simply indescribable. The leaves, when fully developed, are ten inches long by eight inches in width. The prevailing color is crimson, interlaced with green, carmine, yellow, chocolate, etc. It is, without doubt, the most strikingly handsome of all foliage plants. 20 cts. each, \$1.50 per doz.

## GENERAL COLLECTION COLEUS

We offer a fine collection of all colors of these beautiful border plants. Name shades you like and we can surely please you. 5 cts. each, 50 cts. per doz., \$3.50 per 100.



CLEMATIS



CYCLAMEN

We offer a superb strain of these old favorites. Large flowers and

spring. Large, strong, blooming plants, \$1; second size 75 cts. each.

**HENRYI.** Fine, large, creamy white flowers. A strong grower and hardy; one of the best white varieties; a perpetual bloomer. 75 cts. each.

**PANICULATA.** Of very rapid growth, quickly covering trellises and arbors with clean glossy foliage. The flowers are of medium size pure white borne in immense sheets and of a most delicious and penetrating fragrance. 50 cts.; second size, 25 cts. each.

## CYCLAMEN

(Alpine Violet)

## CUPHEA PLATYCENTRA

(Cigar Plant)

Fine basket plant, with scarlet, pendulous flowers, neat, compact habit; constant bloomer. 10 cts. each; 75 cts. per doz.

## DAISY, SHASTA

(Chrysanthemum Leucanthemum Hybridum)

Shasta Daisy should not be confounded with the coarse Chrysanthemum Lacustris, or the common American field daisy. It is a hybrid between the common free-flowering variety and the large European and Japanese species. The most pronounced advance in this wonderful novelty is the enormous size of the flowers, which are 4 inches in diameter, being of the purest glistening white, composed of three or more rows of petals. It is a perfectly hardy perennial, blooming better and more abundantly each season. 15 cts. each, \$1.50 per doz.

## MARGUERITE DAISIES

**MARGUERITE DAISY, MADAME GAILBERT.** This is one of the finest new plants that has ever been introduced. Nothing can be imagined that is finer. All know the old varieties of Paris Daisies, how beautiful and much sought after for decorations of all kinds. This new variety blooms constantly and will produce ten blooms to the old varieties one. 10 cts. each, \$1 per doz.

## HARDY DOUBLE DAISIES, MIXED COLORS

Entirely hardy everywhere. Most distinct, and an improvement on all existing sorts. May be forced for cut flowers under the same treatment as Violets. 5 cts. each, 50 cts. per doz.

## FERNS

No collection of plants is complete without Ferns. This selection we offer embraces the best varieties.

**NEW BOSTON SWORD FERN, OR OSTRICH PLUME FERN**  
(*Nephrolepis Piersoni*)

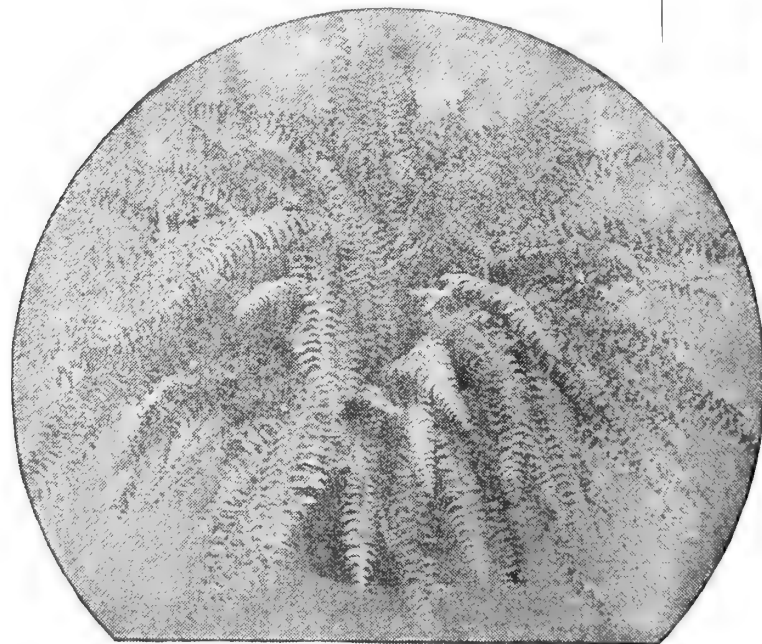
This new Fern was introduced last spring as the most important addition to this line of plants in many years. The plant possesses the same vigorous growth that is characteristic of the Boston Fern, with long, graceful fronds, but with each pinna or leaflet subdivided so as to form a perfect miniature frond. The fronds grow broad and heavy, and measure, when fully developed, at least 6 inches across, increasing in beauty as they develop. A large stock enables us to offer this new plant at greatly reduced prices. 3-inch pot-plants, 25 cts.; 4-inch, 50 cts.; 5-inch, \$1 each.

**ADIANTUM CUNEATUM.** Most popular Maidenhair. 15 cts., 25 cts. and 50 cts.

**ALSOPHILA AUSTRALIS.** (Australian Tree Fern). A very rapid growing species. 25 cts., 50 cts. and \$1 each.

**CYRTOMIUM FALCATUM** (Holly Fern). Very desirable for house culture. 15 cts., 25 cts. and 50 cts. each.

**NEPHROLEPIS SCOTTI.** A novelty of 1904. We consider this one of the most valuable decorative plants of recent years; it is really a dwarf and spreading form of Boston; makes an ideal medium-sized pot-plant. 3-inch pots, 25 cts., 4-inch pots, 50 cts. each:



NEW BOSTON SWORD FERN

**NEPHROLEPIS EXALTATA BOSTONIENSIS.** One of the most graceful and beautiful Ferns. For single specimen pot-plants it has no equal. Its handsome green fronds often grow 4 feet long, arching and drooping over so gracefully that it is sometimes called "The Fountain Fern." 10 cts., 25 cts., 50 cts., \$1, \$1.50 and \$2.50 each.



FICUS ELASTICA

**PTERIS CRETICA ALBO-LINEATA.** A very pretty and useful variegated variety. 15 cts. each.

**PTERIS ARGYREA.** A very showy, strong-growing Fern; foliage variegated; fronds large, light green, with a broad band of silvery white down the center of each; very distinct. 15 cts. each.

**PTERIS SERRULATA.** A useful basket variety of graceful habit. 10 cts.

**PTERIS TREMULA.** One of the finest Ferns for house decoration, growing very rapidly and sending up large, handsome fronds; makes magnificent specimens; easily grown and very popular. 10 cts. each.

We can furnish a fine selection of small Ferns suitable for Fern Dishes at 10 cts. and 15 cts. each, \$1 and \$1.50 per doz.

## FICUS ELASTICA

The well-known India Rubber tree. One of the very best plants for table or parlor decoration. Its thick, leathery leaves enable it to stand excessive heat and dryness, while its deep glossy green color always presents a cheerful aspect. Fine plants, \$1, \$1.50 and \$2.50 each.

## FUCHSIAS

We have them in different colors. 10 cts. and 25 cts. each:



FUCHSIA

## GERANIUMS

## SIXTEEN GRAND NEW GERANIUMS FOR 1907

**DUCHESS OF ROXBURGHE** (Cannell). Deep self-salmon; enormous florets and trusses; fine habit; a splendid fancy single. 50 cts. each.

**LADY ROSCOE** (Cannell). Large, well formed flowers and bold trusses of a beautiful delicate shade of flesh pink; exceedingly beautiful. 50c each.

**ANGELO DE GUBERNATIS** (Double). Very large truss and flower; carmine, bordered brighter red; a fine double variety. 25 cts. each.

**MME. EDGAR QUINET** (Single). Very large spherical trusses composed of large florets; a fine white variety. 25 cts. each.

**DR. CABANES** (Semi-Double Bruant). Heliotrope pink of pleasing shade—a vigorous grower and free in bloom; unique color in this section. 25 cts. each.

**CHAS. CHINCHOLLE** (Lemoine. Double). Grand trusses, large florets. brilliant orange, bright salmon pink; a fine "fancy" variety. 25 cts. each.

**CRATERE** (Double). Border rosy carmine, center lighter red. 25c each.

**FLAMME POITEVINE** (Bruant Type). A robust grower, covered with flowers held well above the foliage. Very large flowers, single or semi-double (8 to 10 petals); rosy vermilion; velvety in texture; one of the most brilliant of scarlets. 25 cts. each.

**MRS. B. W. CURRIE** (Cannell). Soft rosy pink, flowers large, perfectly circular, with overlapping petals; truss of enormous size; robust in habit; extra fine. 50 cts. each.

**MRS. WM. WATSON** (Cannell). White ground with distinct stripe, spotted and marked in bright lake, narrow picotee edge of a more intense color; enormous trusses produced in abundance; a most striking novelty. 50 cts. each.

**E. BERLOT** (Double). Deep violet purple, extra fine, velvety in texture. 25 cts. each.

**GUITA** (Double). Very fine trusses, large semi-double flowers, center fresh aurora pink shaded out to white on the edges; a beautiful variety. 25 cts. each.

**GRENADE POITEVINE** (Double). A remarkable dwarf variety, compact and covered with flowers; petals of immense size, most brilliant scarlet, with point of white at center. 25 cts. each.

**REVERIE** (Bruant Type). A beautiful grower, with semi-double flowers, charming china rose color, center white; very lovely variety. 25 cts. each.

**CTESS. DE ROMA** A strong grower, wonderfully free in bloom, semi-double; color peach-blow pink, with center of white; unique variety. 25c each.

**A. RAYMOND.** Large fiery scarlet flower, prominent white eye; a fine double. 25 cts. each.



# GERANIUMS

## General Collection

There is no plant that grows easier or gives more pleasure and satisfaction to everybody than the Geranium. We grow an immense stock of these, and list below the varieties we have found to thrive best in the South. If the selection is left to us, purchaser stating what colors are wanted, we can often make a better selection than the purchaser. State if wanted for growing in pots or outdoor planting.

Price, except where noted, nice young plants from 2½-inch pots, named 10 cts. each, 75 cts. per doz.; unnamed plants, 5 cts. each, 60 per doz., 3-inch pots, 10 cts. each, \$1 per doz.; 4-inch pots, 15 cts. each, \$1.50 per doz.; larger plants, 25 cts. each, \$2.50 per doz.

## VARIETIES OF BRUANT TYPE

This class of Geraniums is distinguished from ordinary ones by the extra large flowers and long, stiff stems, by the thick, heavy foliage and robust constitution of the plant. They grow and bloom continuously even in the driest and hottest weather.

**PAUL BRUANT.** Best all-round Bruant for the South. semi-double scarlet.

**MRS. E. G. HILL.** Of a most distinct and pleasing shade of salmon, with light shading at the center. Trusses are large and composed of an immense number of florets. The finest salmon-flowered Geranium.

**BELLEROPHON.** An excellent bedder. A single scarlet with large, round florets, combined into immense trusses held high above the foliage. One of the most attractive in our collection.

**JEAN VIAUD.** The queen of pink Bruants. Soft, pure pink, semi-double with two white blotches. Dwarf, stocky grower; rigid stems, large trusses, perfect florets; a continuous bloomer, the plant being covered with flowers throughout the season. The finest double pink variety that we have ever seen. Will rank with the best bedders of any color, if it does not prove the leader of them all. It has an iron constitution, and withstands the rain and sun better than any known Geranium.

**MME. LANDRY.** Double. One of the choicest and most beautiful yet added to the Bruants. Very free and constant in bloom throughout the season. Trusses large, and florets of the finest size and circular in form. Color clear salmon, center shading to copper, with a white eye. Very distinct, and one of the best by this raiser.

**THOS. MEEHAN.** Double. Extremely large trusses and very large florets, almost circular in form. Color quite distinct in this section—brilliant rosy pink, the base of the upper petals marked orange. A noteworthy variety, reminding one of many of the fine Ivy Geraniums.

**MAD. JAULIN.** Without question the finest new semi-double Geranium offered in many years. This is an entirely distinct color in the Bruant or bedding type. Very large florets compose a truss of grand size; center of flowers very delicate pink bordered with pure white. For freshness and beauty this variety is unrivaled by any bedding sort; equally valuable for pot culture.

**M. CANOVAS.** Immense trusses of very dark, velvety scarlet, with dark crimson shadings. Flowers large on rigid stems. A fine, free grower, and free in bloom.

**ALPHONSE RICARD.** A strong grower, dwarf and branching, and producing flowers in great masses. Both floret and trusses are of enormous size, single or slightly doubled, and color a brilliant shade of orange-red.

**CLYDE.** A sport from Mrs. E. G. Hill, in every respect like its parent, except color, which is pure scarlet, of soft, even shade. Florets immense, from 2½ to 3 inches in diameter. Trusses 14 to 16 inches in circumference. A grand bedder, and also a fine pot-plant.

**HETERANTHE.** Bright scarlet, one of the best.

## IVY-LEAVED

**INCOMPARABLE.** Trusses very large; florets immense and very regular in form, quite full; the color is an exquisite shade of rosy carmine. 10 cts.

**SOUVENIR CHARLES TURNER.** Florets 2½ inches across, trusses 6 inches. The color is a deep, bright pink, approaching scarlet; the upper petals feathered maroon. 10 cts.

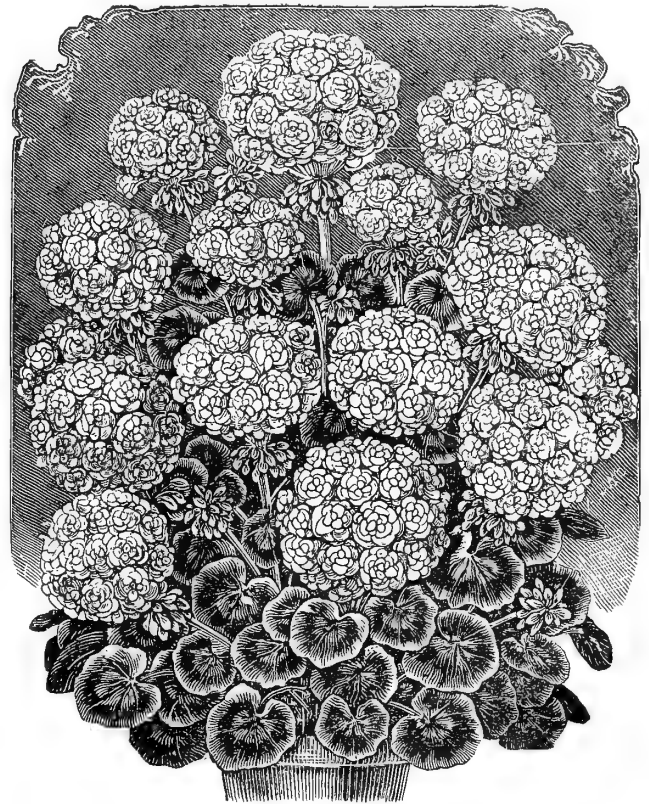
**P. CROZY.** A grand hybrid between the Zonales and Ivies, having the foliage of the former, but a very heavy texture; in form of truss and florets it resembles the Ivy-leaved section;



IVY-LEAVED GERANIUM

the color is soft bright scarlet, with veining of maroon; the habit is perfect, and it is a grand bedding variety.

**ACHIEVEMENT.** Another grand English novelty belonging to the class with P. Crozy, being a true cross between the Ivy and Zonal classes. It has the habit and texture of the Zonal, with the form of Ivy foliage, and also of the Ivy bloom. Color a pure self-rose, with white eye, immense in size, on long stems, freely produced. 25 cts.



COMTESSE DE HARCOURT

## DOUBLE

**COMTESSE de HARCOURT.** Pure snow-white; a grand bedder; florets large and beautifully formed; extremely free in bloom, forming a bank of white.

**RICHELIEU.** No Geranium in our list is more attractive. Individual flowers are of good size, borne in close round trusses. Color, bright cherry scarlet.

**LE SOLEIL.** Brilliant scarlet. Grand in large masses, forming a perfect wave of brightness. Good free grower of branching habit.

**MARVEL.** Rich, bright crimson. One of the best dark bedding varieties.

**LA FAVORITE.** Trusses very large; florets of the most beautiful and perfect form and of the very purest snowiest white in color.

**S. A. NUTT.** Rich, dark crimson; the flowers are of perfect shape and fine size; the trusses massive and produced in great numbers; close, compact habit.

**LIZZIE HAMILTON.** Dark pink; fine bedder.

**PETER CROZY.** To make a solid bed of scarlet this is a fine variety, as it is always in bloom.

**SPAULDING'S PET.** Rich, dark crimson; blooms borne on long stems well above the plant; the best crimson bedder we know of for our climate.

**MADONNA.** Finest double white.

## SINGLE

**MRS. J. M. GAAR.** Absolutely perfect as a bedding variety; never burns; is of dwarf, compact habit; in freedom of bloom is superior to all white bedders, and equal to the best scarlet ones.

**GETTSBURG.** Deep blood-red, large and of fine form. One of the handsomest dark varieties.

**JACQUERIE.** One of the largest of florets, longer than wide; very velvety in texture, and a magnificent shade of very dark crimson-scarlet. One of the finest single Geraniums; always in heavy demand.

**DUCHESS OF ORLEANS.** Border of intense scarlet, forming a band around the body color of rosy pink, heavily veined with scarlet, center white; a very brilliant combination of colors. One of the best single Geraniums.

**GENERAL GRANT.** For a scarlet bedder this variety can not be surpassed.

## GERANIUMS, Continued.

## SCENTED

APPLE. The most delightfully scented of all Geraniums. 25 cts.

NUTMEG. Small leaves, resembling the apple-scented. 10 cts.

ROSE. Broad cut, fragrant leaves. 10 cts.

CUT-LEAVED ROSE. Leaves finely cut. 10 cts.

## HELIOTROPE

Choice varieties. 10 cts. each, 75 cts. per doz.

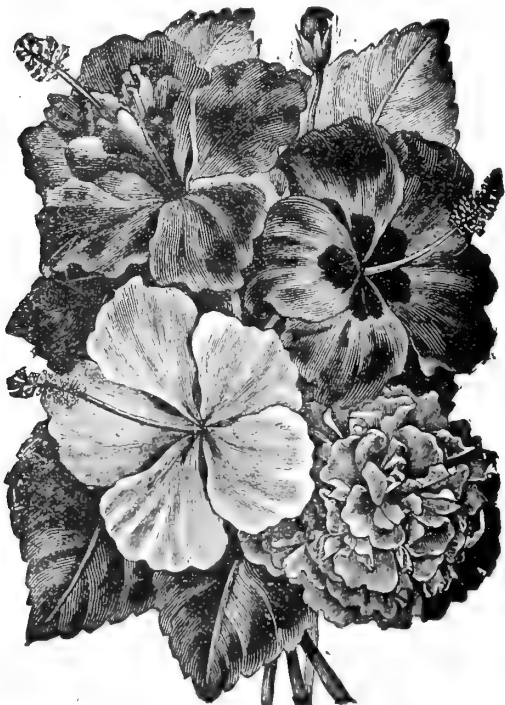
## HYDRANGEA OTAKSA

A Japanese variety, producing immense heads of pink flowers. This is the variety so extensively used for Easter decorations. 10 cts., 25 cts. and \$1 each.

## HIBISCUS

Stands our hot, dry summers to perfection.  
15 cents each, \$1.50 per dozen.

PEACHBLOW. One of the finest plant novelties of recent years. Flowers



HIBISCUS

double, of a rich shade of clear pink, with small, deep crimson center; an entirely new and most beautiful shading; 4 to 5 inches in diameter. Blooms freely, even on small plants. Good as house-plant or planted out in the garden.

**COLERI.** Flowers buff-yellow, with crimson base; very distinct.

**SUBVIO-LACEUS.** Flowers of enormous size, beautiful carmine, tinted with violet; probably the largest flower of the Hibiscus family.

**CARMINATUS PERFECTUS.** Full, round flower of perfect shape and of a rich, soft carmine-rose, with a deep crimson eye. A beautiful, free-blooming variety.

**MINIATUS SEMI-PLENUS.** Semi-double flowers of brilliant vermilion-scarlet; petals waved and recurved.

**GRANDIFLORUS.** Rich, glossy foliage; blooms profusely during the summer, literally covering the plant with scarlet-crimson flowers.

## HONEYSUCKLES

**AUREA RETICULATA** (Golden-leaved). A variety with beautiful variegated foliage of yellow, pink and white. 25 cts.

**CHINESE EVERGREEN.** Blooms nearly all the season; deliciously fragrant; flowers buff, yellow and white. 25 cts.

**HALL'S JAPAN.** The most constant bloomer of the class, being literally covered all summer with beautiful yellow and white flowers. 25 cts.

**SCARLET TRUMPET, or RED CORAL.** A rapid grower; bright red, with trumpet-shaped flowers. This is the old well-known variety. 25 cts.

## HARDY ENGLISH IVY

This is the variety used for covering walls, etc.; invaluable on account of its remaining evergreen all the year; has become very popular for cemeteries. Large plants, 25 cts. each.

## IMPATIENS SULTANI

It is of a compact, neat habit of growth, with good constitution and a perpetual bloomer. The flowers are of a brilliant rosy scarlet color, of a peculiarly distinct but most effective hue, about 1½ inches in diameter, and are produced singly or in twos and threes from the axis of the leaves, especially toward the summit of the stems, but so freely that a well-grown specimen appears to be quite a ball of fire. 10 cts. and 25 cts. each.

## JASMINUM

**GRAND DUKE.** Large, double, white, imbricated flower; fragrant. 25c.

**NIGHT-BLOOMING.** Blooms at night; flowers very fragrant. 10c each.

**MAID OF ORLEANS.** A very attractive new sort, with good-sized, double flowers, blooming profusely all summer; shining pale green foliage. We predict for it a rapid sale, as it is much easier to handle than any other Cape Jasmynes, and, as a whole, more desirable. 15 cts. and 25 cts. each.

**CAPE JASMINE.** 10 cts. and 25 cts. each.

**MALAYAN** (*Rhynchospermum Jasminoides*). This is one of the most desirable Jasmynes known. The dark evergreen foliage, with the pure white waxy flowers, makes a very effective plant. The flowers are very fragrant, of a most delicate odor. 10 cts. and 25 cts. each.



LEMON, PONDEROSA

## THE WONDERFUL LEMON, PONDEROSA

Nothing that has ever been brought to our notice in the plant line has caused half the commotion that this wonderful Lemon has. It is a true everbearing variety. On a plant 6 feet high no less than 89 of these ponderous Lemons were growing at one time. It was a beautiful sight to see. The tree was blooming, and also held fruit in all stages of development, from the size of a pea up to the ripe fruit, showing it to be truly everbearing. Fruit has been taken from this tree weighing over 4 pounds. The Lemons have very thin rinds for such large fruits. It is the juiciest of all Lemons, makes delicious lemonade, and for culinary purposes cannot be excelled. The Ponderosa Lemon is sure to become popular when it is known. It fruits when quite small and makes a lovely house plant. Everybody can grow their own Lemons; will fruit quite freely the second year. Thrifty young plants, 25 cts. and 50 cts. each.

## LEMON VERBENA

This is a beautiful sweet smelling plant, with light green leaves, a great favorite with everybody. 10 cts. each; \$1 doz.

**LANTANA**

These make splendid bedding plants, standing our hot, dry summers, and bloom continuously.

**STANDARD SORTS**

10 cents each, \$1 per dozen.

M. SCHMIDT. Orange. GRAND SULTAN. Red and yellow.  
COMTESSE de BIENCOURT. Pink. LA PLUIE D'OR. Golden yellow.  
ALBA PERFECTA. Pure white.

**WEeping LANTANA**

A Weeping Plant of Great Beauty. One of the grandest basket plants grown. The plant has a most graceful, drooping habit, grows very rapidly and blooms continuously summer and winter, producing large clusters of the most delicate lilac. 10 cts. each.

**MOONFLOWER**

**WHITE** (*Ipomea grandiflora*). A plant that grows and blooms well with every one. If planted out in rich ground where it has full exposure to the sun, it will grow 40 feet high by the middle of October, blooming abundantly the entire season. The flowers are pure white, from 5 to 6 inches in diameter, emitting a rich jessamine odor at night. They begin to open about sundown, and close before noon the following day. 10 cts. each, \$1 per doz.

**HEAVENLY BLUE** (*Ipomea Leari*). This makes a splendid companion plant to the white Moonflower. It is equally rapid in growth and as free-blooming as the white variety, although blooming in the morning and on dull days. The flowers are of the most heavenly blue, with reddish purple rays, and are 6 inches across. 10 cts.

**OTAHEITE ORANGE**

The best of the Oranges for house culture. It is of dwarf, bushy habit and bears a profusion of fragrant flowers and edible fruit. We offer two sizes. Large size, \$1; small size, 25 cts.

**OXALIS**

Pretty basket or pot-plants for winter-flowering. 10 cts, and 15 cts.

**OTHONNA CRASSIFOLIA**

Resembles the seedums in growth and foliage; flowers bright yellow, produced very freely. A fine plant for basket or vase. 10 cts. each, 75c per doz.

**OLEANDERS**

Double Pink. 15 cts. and 25 cts.

Double White. 15 cts. and 25 cts.

Variegated: This is very attractive; the leaves are green, with white and yellow stripes; the blooms are pink and white. It makes a very decorative plant. 25 cts.



PANDANUS

**PANDANUS**

(Screw Pine)

**VEITCHI:** This is one of the most attractive plants. The leaves are light green, beautifully marked with broad stripes and bands of pure white, and gracefully curved. \$1, \$2 and \$3 each.

**PANSIES**

As we have given this plant special selection and cultivation, the stock offered can be relied on as embracing the best from foreign and domestic collections. It combines with flowers of the largest size and finest form the most exquisite gradation of color. First size, 10 cts. each, 75 cts. per doz.; second size, 5 cts. each, 50 cts. per doz.



KENTIA FORSTERIANA

**PALMS**

Palms have become almost indispensable features in all decorations whether for apartment, conservatories, or tropical bedding in summer. The varieties we offer are selected as being the best adapted to general cultivation in house or conservatory.

**ARECA LUTESCENS.** One of the most beautiful and valuable Palms in cultivation; bright glossy green foliage and rich, golden yellow stems. 50 cts. \$1, \$1.50, \$2.50 and \$5.

**CYCAS REVOLUTA** (Sago Palm). The Cycas makes a magnificent specimen, and is one of the most valuable plants grown for the decoration of the lawn or house. The heavy, glossy, deep green fronds resist alike the gas, dust and cold to which decorative plants are frequently exposed. Fine shapely plants, by express, first size with 12 to 15 leaves, \$5; second size, with 8 to 10 leaves, \$3; third size, 6 leaves, \$1.50.

**KENTIA FORSTERIANA.** Bright green foliage. 75c, \$1.50, \$2 and \$5.

**KENTIA BELMOREANA.** A beautiful strong-growing Palm. Deep green, crisp foliage. 75 cts., \$1.50, \$2.50 and \$5.

**LATANIA BORBONICA.** A beautiful Palm, with large, deeply divided, fan-shaped leaves. It is of easy cultivation and probably the very best variety for house culture. 50 cts., \$1, \$2 and up.

**PARIS DAISY (Marguerite)**

Very profitable for cut-flowers. Always in active demand because of the many uses to which they are adapted, and also very easily grown and handled. We offer the best white variety, having a ray of white petals around a salmon disk; splendid for cut flowers. 10 cts. each; \$1 per doz.

**PETUNIAS, DOUBLE**

The Double Petunia is one of the finest bedding plants for massing, mixed borders or vases. The brilliancy and variety of its colors, combined with the duration of its blooming period, render it invaluable for garden decorations. 10 cts. each, \$1 per doz.

**PLUMBAGO**

10 cents each, \$1 per dozen.

**CAPENSIS.** This is one of the finest plants for the South grown; the hotter the sun the better it blooms. Light, blue very free-flowering.

**CAPENSIS FLORE ALBA.** The exact counterpart of Plumbago Capensis except in color, which is clear white.

# NEWER VARIETIES OF ROSES

## SIX LATEST INTRODUCTIONS IN NEW ROSES

**ANGEL PELUFFO** (H. T.) (Soupert & Notting). Beautiful foliage, bud of exquisite shape, flower immense, very full, opens readily even in dark weather; one of the most brilliant combinations of pink shades yet produced; stem, freedom, size, quick opening, all point to this as a coming forcing variety. 3½-inch pots, 75 cts. each.

**GRUSS AN SANGERHAUSEN** (Mueller) (H. T.) Flower large, full and elegantly formed; color reddish scarlet, center deeper; buds long and pointed; very free and continuous; foliage and habit excellent. This looks like the red rose for the million. 3½-inch pots, 75 cts. each.

**MISS KATE MOULTON**. New Pink Rose. Is the Queen of all pink Roses. 75 cts. each.



MISS KATE MOULTON

**J. B. CLARK** (H. T.) (Hugh Dickson). "The growth is strong and upright, very vigorous, making a large, handsome bush; the foliage is broad and stout; bronzy-green in the young state, changing to dark green. The blooms are very large and beautifully formed; the petals which are very smooth, are of great depth and size; flower very full and long, with high-pointed center. Color unique, being intense scarlet shaded blackish-crimson; strongly fragrant." Awarded gold medal of the Rose Society. 7½ inches in diameter by 5 inches deep. \$1.50 each.

**FRAU KARL DRUSCHKE**. This is the grandest new white Rose that has been introduced for years. It is perfectly hardy and very free flowering, producing flowers of exceptionally large size, very full and double, and of a pure snow-white. It makes a beautiful long-shaped bud and blooms freely throughout the summer and is a strong hardy plant. 75 cts. each.

**RUHM DER GARTENWELT** (Jacobs). An exceedingly strong growing H. P., with large, dark green foliage; the flower is large and fine, on a long, stiff stem; color pure deep red; very free. (A seedling from Am. Beauty crossed with F. Dubreuil.) 75 cts. each.

## FOURTEEN NOVELTIES IN ROSES

Nice young plants, 10 cts. each, \$1 per doz.; large size, 25 cts. each, \$2.50 per doz., except where noted.

**AURORA**. Hybrid Tea. The flower resembles in shape a high-built chrysanthemum. The color is a light pink; a very pleasing shade. This is a grand variety; fine for outdoor culture.

**ALLIANCE FRANCO-RUSSE**. Tea. Flowers a bright yellow, shading to salmon in the center; bright and pleasing; has a strong, upright stem and long bud; vigorous and hardy, and a free and continuous bloomer; very full. Try this grand Rose for yellow. The bud and bloom are both large; the form and color are simply perfection. No better deep golden yellow rose than this one.

**DUC de MONTSMART**. Hybrid Tea Rose. A "sport" from the favorite La France, which it closely resembles in every way except color, which is a bright deep pink, that does not become "washed out" even under the most unfavorable conditions. The plant is a strong, vigorous grower, very free-flowering; flowers of good size and deliciously scented, and we believe it will become even more popular than its famous parent, both as a forcing variety under glass and for the open ground. An ideal Rose in every way.

**LADY BATTERSEA**. Hybrid Tea. This variety has long, pointed buds of the largest size and very striking in form. The color is bright chery-crimson, often approaching the shade of Liberty. The stems are stiff and extremely long; a vigorous grower and free in bloom; early in the season the flowers are not very double, but on strong plants the blooms are well filled. An unusually promising bedder.

**LADY CLANMORRIS**. Hybrid Tea. Perfectly distinct. A splendid Rose of very robust growth and tree-branching habit; flowers continuously and freely throughout the season. Blooms very large and of good form; petals large, smooth, and of great substance. Creamy white with delicate salmon center, edge of petals margined pink. A most magnificent Rose.

**LA TOSCA**. Hybrid Tea. Flowers large, formed like a fine Hybrid Perpetual; color deep salmon-pink; has a splendid constitution and is very fragrant. This, I think, is the very best of the Testout family of Roses, it being much more vigorous in growth than any other variety of this type. The petals are large and elegantly formed; the color is bright and fresh. You will make no mistake in planting this grand Rose, as it will give you unbounded satisfaction.

**MADAME ABEL CHATENAY**. Hybrid Tea Forcing Rose. The celebrated Rose which the Washington, D. C., society people have used almost exclusively during the past season in their social events. This is a wonderfully strong, healthy growing variety, with rich, bright foliage. A grand bedding Rose, as it is a profuse and continuous bloomer. Flowers large and full; petals recurved and of a beautiful creamy rose, shaded with rose-vermilion and tinged with salmon. The base of the petals is very highly colored, being a combination of the foregoing shades strongly accentuated. This will undoubtedly make a fine garden Rose because of its substance and hardiness. The flowers are borne on long stems, so that it is exceedingly well adapted for vases or cut-flowers.

**LA DETROIT**. Hybrid Tea. Shell-pink, shading to soft rose; reverse of outer petals cream-colored; fragrance like that of old Bon Silene. In form it is large, cup-shaped; petals shell-like. Rich, glossy foliage; a rampant, vigorous grower, producing long shoots. Plants from 2-inch pots, 15 cts.; 3½ inch, 35 cts.

**SOUV. de PIERRE NOTTING**. Tea. This variety is a seedling of Marechal Niel and Maman Cochet, with beautiful closely set foliage and a strong, sturdy habit of growth. The bloom is very large, perfectly full, of elegant form—has a beautiful long bud, the colors are very bright, distinct and clear, and have no unpleasant tones—orange-yellow, bordered in carmine-rose. Promises to prove very popular. Has received not less than six gold medals and prizes.

**UNCLE JOHN**. Tea. Forcing. This is a new sport from Golden Gate sent out the past spring by a Chicago house. It forces finely and is a shade deeper in color than Golden Gate.

**PRINCE OF BULGARIA**. Hybrid Tea. A very vigorous grower, with large, bright green foliage, beautiful in form of bud; flowers very large and full. The outer petals are extremely large, of superb rosy flesh color; very fine and very free. First prize at the Paris exposition. Very much like a superb Carnot in form.

**MRS. ROBERT GARRETT**. Hybrid Tea. The buds are long and pointed in shape, and open up beautifully into a full, rounded flower. Color a glowing shell pink, very deep in the center; the fragrance is delicate and pleasing.

**SILVER KING**. Hybrid Tea. This new Rose is a beauty indeed. In fact, to see a bud of it in bloom is absolutely startling, it is so grand and beautiful. The bud and flower are of the largest size when fully expanded, cup-shaped, full and double, but the petals are so arranged as not to crowd one another. The color is a clear shell pink, so exquisite as to resemble the delicate, soft pink seen in deep-sea shells. It is very fragrant. A true ever-bloomer, and hardy everywhere. This is the grandest of all light pink Roses. Be sure and try this Rose.

**YELLOW COCHET, OR MADAME DEREPAS MATRAT**. Tea. A pure Tea Rose, very free-growing and hardy in character, withstanding 10 degrees below zero. It throws up fine, strong stems, crowned by solitary buds of grand size; the color is a good sulphur-yellow; blooms very large, perfectly double, of splendid form and freely produced. It has every quality necessary to make the ideal yellow bedder, ranking with the White and Pink Cochet in value as a summer Rose.



**SEVEN GRAND NEW ROSES**

From 2 1-3 inch pots, 25 cts. each, \$2.50 per doz.  
From 3 1-2 inch pots, 40 cts. each, \$4.00 per doz.

**BABY RAMBLER.** New dwarf ever-blooming Crimson Rambler. It is identical in every way with that wonderful Rose Crimson Rambler, except that it is a dwarf, bushy grower and is a true ever-bloomer. It is in bloom all the time, flowers in large clusters of brightest crimson. It grows to a height of 18 inches and hides the plant with its blooms. A most wonderful Rose. A prize winner.

**ETOILE DE FRANCE.** (Hybrid Tea) The gold medal Rose of France, and claimed by the raiser, J. Pernet Ducher, to be the finest Rose he has ever sent out. A very strong, vigorous grower with handsome, green-bronzy foliage, and exceedingly free, flowering. The flowers average very large and borne on good long, stiff stems; color a lovely shade of clear, red-crimson velvet; very fragrant and keeps well. In England, where it has been tried extensively during the past season, it has caused quite a sensation. This is our first year with his Rose, and our opinion is that it will become as much of a favorite as La France.

**KILLARNEY.** (Hybrid Tea). The great Irish Rose. A charming Rose of robust growth and very free blooming; the flowers are large, the buds very long and pointed, petals very large and of great substance flesh shaded white, suffused pale pink; a lovely and distinct Rose of merit, and a grand variety for forcing.

**GENERAL LIST OF ROSES**

Roses are our specialty. We test all the new varieties each season, and offer only such varieties as we are confident will give satisfaction. We would recommend our customers to have their plants sent by express when possible, as you get larger plants and the dirt is left on the roots. Always break the ball of dirt before planting, and firm the soil around the plant when planted; water thoroughly and protect from the hot sun for a few days. We have Roses in all sizes, and offer them as follows, except where noted.

Nice young plants, except where noted, 10 cts. each, 75 cts. per doz. Larger sized plants, 15 cts. each, \$1.50 per dozen. Strong 2-year-old, pot-grown, 25 cts. each, \$2.50 per doz., except where noted.

**POT GROWN VERSUS FIELD GROWN ROSES**

For years we have been growing all of our large Roses in the field, we find that in digging, the roots get broken more or less, and on this account the Roses very often die, and do not give good satisfaction. On this account we are now growing our large Roses in 4-inch pots, thereby confining all the roots so that when our customers receive the plants and plant them, they will grow right off and never know they have been moved. We offer nice plants at 25 cts. each, \$2.50 per doz. For those who still prefer field-grown Roses, we can furnish most varieties at 25 cts. each, \$2.50 per doz.

**AMERICAN BEAUTY.** Although this is not a new Rose, we consider it to be the finest one for growing in the South. It blooms continuously from early spring till frost, is perfectly hardy, and will grow easier and give better satisfaction than any other Rose grown. The American Beauty has bloomed continuously with us in the open field, with ordinary cultivation and no water except the rain, when all other varieties had almost stopped blooming. It is the most fragrant Rose grown; color dark, rich crimson, and most exquisitely shaded. We have prepared a large and exceptionally fine stock of Beauties, and advise all lovers of the Rose to plant some of this variety. If you want flowers the coming spring we advise buying the large field-grown plants. 15 cts.; field-grown, 25 cts. and 50 cts.

**BRIDE.** A pure white Rose of perfect form and fine size. The buds are long and pointed; delightfully scented.

**BRIDESMAID.** The most popular pink Tea Rose. Thousands of this variety are grown every year for cut-flowers; also very desirable for summer bedding outdoors. It is a delightful shade of pink.

**BESSIE BROWN.** A Rose of transcendent beauty, totally distinct, and one of the largest and fullest that we have ever seen; it is erect and vigorous in growth, flowering profusely all through the summer. Color pure white, sometimes faintly flushed pink.

**CROWN PRINCESS VICTORIA** (white Malmaison). A sport from Souv. de la Malmaison, which it resembles very much in habit of growth and style of flower. The bud, which is lightly tinted yellow, opens out into a fine double pure white flower. Very fragrant. A most desirable Rose.

**CATHERINE MERMET.** Buds very large and globular; petals recurved, showing to advantage the lovely bright pink of the center, shading into light, creamy pink, reminding one of La France in its silvery shading. A strong grower and fine bloomer.

**CLOTHILDE SOUPERT.** Begins to bloom when but 3 or 4 inches high, and is never without bloom if kept healthy. The full double flowers are produced in sprays of three or more, and are of the finest imaginable form. The outer petals are pearl white, shading to a center of rosy pink, but vary from white to rose on the same plant.

**ETOILE de LYON.** One of the best and most beautiful yellow Tea Roses for general planting; may be had in bloom the entire year by proper treatment. The flowers are of good size, deep, full, very sweet-scented, rich golden yellow.

**GRUSS AN TEPLITZ.** As a bedding Rose this is one of the finest and most useful varieties ever sent out. The color is brightest scarlet, shading to deep, rich, velvety crimson. It is very fragrant. The freest grower and the most profuse bloomer of any everbloomer. The mass of color produced is wonderful, and the foliage is extremely beautiful, all the younger growth being a bronzy plum color. A queen among scarlet bedders. It is a perfect sheet of richest crimson-scarlet all summer. It will undoubtedly supersede Agrippina, Queen Scarlet, and others of this class.

**O. A. SINGER.** (Hybrid Tea). A fine garden Rose of clear carmine color, deepening to the center of the flower. It flowers continuously and freely, especially fine in spring and autumn. This grand variety was sent out by Mr. Peter Lambert, the great German rosarian, and named by him in honor of Mr. A. Singer, the Oberhofgartner of Bad, Kissengen.

**STRIPED REINE MARIE HENRIETTA.** (Md. Driout). (Climbing Tea). As the name implies, this is a sport from the old favorite, R. M. Henrietta, has the splendid vigorous climbing habit of the mother Rose, while beautifully striped, flamed and shaded in bright carmine over pale rose. The markings are very regular. A superb Rose and will rank with Reine Marie Henrietta, the premier climbing red Rose.

**RICHMOND.** (Hybrid Tea). This is the best new Red Rose we have seen for a number of years. It is of strong and rapid growth, more vigorous than any other forcing variety in commerce. Has very near the same tone of color as Liberty, with more scarlet and does not blue with age. Produces freely throughout the year, long pointed buds on tall, straight stems with elegant dark foliage. Has as delicious a fragrance as American Beauty. Was awarded the silver cup at the St. Louis World's Fair for best seedling Rose, and a special silver cup at Chicago for best seedling.

**SOUVENIR de CATHERINE GUILLOT.** Tea. Extra fine variety, producing a long pointed bud of the color of the Austrian Copper. The open flower is large and full, and a wonderful combination of color. Very fragrant, and a free and easy grower.

**GOLDEN GATE.** This variety is near kin to Niphetos, bringing buds of similar shape and size but flushed with pink and salmon. It is the strongest grower of its class, throwing up heavy canes persistently; one of the most profuse bloomers extant.

**"IVORY."** It is a "sport" from Golden Gate, which today is probably the freest-flowering Rose of its type in cultivation, but which unfortunately lacks in decided color, on which account it has never met with much popularity. The variety now offered embodies all the good points of its parent—size, freedom of bloom, strong, vigorous, healthy growth, with pure white color,—which make it an invaluable acquisition, and a Rose which must at once meet with popular favor. It has been shown during the past season at the principal exhibitions, at all of which it was awarded high honors.

**HELEN GOULD.** The Sensational Rose. This is probably the most beautiful and satisfactory Rose for general planting ever introduced in America. It has proved itself to be the strongest grower, freest-blooming, largest-flowering and hardiest Rose in existence. It is a better Rose for general planting than American Beauty—the dream and hope of every Rose-grower for years past. The flowers are full and perfectly double, the buds beautifully made, long and pointed. The color is a warm, rosy crimson, like the color of a ripe, red watermelon. It is as hardy as La France. It is a very easy Rose to get along with; anybody can grow it and you can't keep it from blooming. Be sure to plant this grand Rose.

**KAISERIN AUGUSTA VICTORIA.** A beautiful Rose, with elegant, large, pointed buds and very large, full double flowers; delicate creamy white; deliciously fragrant. The plant is a strong, healthy grower and constant bloomer. The flowers are on strong, stiff stems, with rich, glossy foliage, making it one of the finest Roses for corsage wear, or any use whatever. We consider this to be by far the finest and most satisfactory white Rose for the South.

**METEOR.** Rich, velvety crimson, exceedingly bright and attractive. The plant is of vigorous growth and very free-flowering.

**MRS. DeGRAW.** An ideal bedding Rose that will give an abundance of bloom from early summer until frost. The flowers are bright, rich pink, of good size and very fragrant. Blooms in clusters.

**MARIE GUILLOT.** Splendid for any use; especially desirable for summer Rose beds; pure white, sometimes tinted pale yellow.

**MARIE VAN HOUTTE.** Is creamy white, outer petals outlined with bright rose; occasionally the entire flower is suffused with light pink; growth strong; bloom profuse.

**MAD. WELCHE.** Beautiful amber-yellow, deepening to copper-yellow at the center, delicately tinged and shaded with dark orange-red; flower extra large, globular, very double and full. 15 cts.

**MAMAN COCHET.** An excellent pink Rose, with rich, healthy foliage and large flowers on long, straight stems; deep rosy pink, the inner side of petals silvery rose. Equally valuable for pot culture or outdoor planting.

**WHITE MAMAN COCHET.** The finest Rose of the year; like its parent, the growth is vigorous, with rich, healthy foliage, producing large fine flowers of the purest white; in fact, it is an exact counterpart of the beautiful Maman Cochet and all who have tried it pronounce it the finest cut-flower tea Rose in existence.

## ROSES—Continued

**MAD. FRANCISKA KRUGER.** Large flowers of beautiful coppery yellow. Unlike any other Rose in our list.

**PEARL OF THE GARDEN.** The most popular Rose in our entire list. The form of the bud is round and symmetrical. Growth strong, healthy, vigorous; color rich, canary-yellow.

**SOUVENIR De La MALMAISON.** One of the choicest Roses we offer, and one that will give entire satisfaction for garden or pot culture. The color is a creamy flesh, bright and clear.

**SUNRISE.** The most gorgeous Rose of its class yet introduced. This has made a sensation in England, and taken first honors wherever shown. In close bud form it shows the high, brilliant colors seen only in the Austrian Copper, scarlet and yellow. As it opens the color deepens, the scarlet turning darker red, the yellow to orange and copper, the inside of the petal golden yellow. The open Rose is large, perfectly double and of grand form. The foliage is glossy and thick, the new growth being the darkest and most beautiful found among Roses. The form and color of bud and its freedom of growth and bloom will give Sunrise a high place among Roses. A novelty is earnestly wished for, and here is a novelty of the highest quality. 15 cts.; field-grown, 35 cts.

**PRESIDENT CARNOT.** It is a Rose of the largest size, beautiful both in bud and open flower. The color is distinct and novel, a lovely fawn, shading to pearl. It often measures 5 to 6 inches in diameter. We have no hesitancy in saying that this charming Rose will become as popular as La France, as it has all the good qualities of that Rose, and at the same time is entirely distinct. 15 cts.; field-grown, 35 cts.

**PINK LA FRANCE.** The flowers are very large, double, delightfully fragrant, light silvery pink; blooms continuously throughout the season, and stands first among Roses for our climate.

**WHITE LA FRANCE.** Pearly white, shading to rose; like La France in other characteristics.

**RED LA FRANCE, or DUCHESS OF ALBANY.** One of the best Roses grown.

**THE QUEEN.** A most charming Tea Rose. The offspring of the fine old Rose, Souvenir d'un Ami, whose many good qualities it seems to possess in a remarkable degree. It is pure snow-white; makes good, finely formed buds; is quite full, showing the center but slightly.

## HYBRID PERPETUAL ROSES

**PAUL NEYRON.** The largest-flowered Rose in cultivation and one of the freest blooming; color deep clear rose, very fresh and attractive; an exceptionally good grower, making straight shoots 4 to 5 feet high in one season, each shoot tipped with an immense flower, often 5 inches in diameter. 15 cts.; field-grown, 35 cts. and 50 cts.



PRESIDENT CARNOT

**MRS. JOHN LAING.** A splendid constant-blooming Hybrid Perpetual, perfectly hardy, with immense flowers, full and double, borne in great profusion on long, stiff stems, and exceedingly sweet. The color is a clear bright, shining pink, exquisitely shaded. The buds are long and pointed. 15 cts.; field-grown, 35 cts. and 50 cts.

## CLIMBING ROSES

**CLIMBING METEOR.** The finest crimson everblooming climbing Rose. It is a rich, velvety crimson, much like the forcing Rose Meteor, of which it is a sport, and an extremely strong-growing variety, making shoots 12 to 15 feet long in a single season under favorable circumstances. 15 cts.; strong, 2-year bushes, 35 cts.

**CLIMBING KAISERIN AUGUSTA VICTORIA.** A climbing Kaiserin, having the same beautiful flower as its parent, but having the climbing features. 15 cts.; field-grown, 35 cts.

**EMPRESS OF CHINA.** Color shell pink. It is perfectly hardy, and is a continuous grower.

**REINE MARIE HENRIETTE.** A grand climbing Tea Rose, of a lovely cherry-scarlet color.

**PRESIDENT CLEVELAND, or CLIMBING MARIE GUILLOT.** Of a semi-climbing habit and otherwise identical with Marie Guillot, the loveliest of all white Roses. 10 cts.; field-grown, 35 cts.

**CLIMBING SOUV. De La MALMAISON.** 15 cts.; field-grown, 35 cts.

**CLIMBING CLOTHILDE SOUPERT.** (Climbing Hybrid Polyantha.) The new Climbing Clothilde Soupert stands at the head of the hardy Climbing Everblooming Roses, and is unequalled for quick and abundant bloom and healthy, vigorous growth. The flowers are two and one-half to three inches across and perfectly double; rich creamy white, sometimes tinted with blush and borne in immense profusion the whole growing season, from June to November. Small plants, 10 cts. each. Field-grown, 15 cts. each.

**GAINSBOROUGH.** The best of all climbing Roses. We are very proud to bring this fine Rose to the notice of all rose-rians, be they amateur or professional. We are fully convinced that for a hardy, everblooming climber it has no equal, even eclipsing that grand variety, Mrs. Robert Peary, for beauty and size, we place this variety at the head of Hybrid Teas. The foliage is an exact counterpart of its parent, Viscountess Folkestone. Its delicate colors are hard to describe, being delicately tinted flesh, almost white, and lustrous as satin; when in full bloom it resembles a large, fine, white, fluffy peony, but without a suggestion of stiffness, often measuring 8 to 9 inches in diameter. An enthusiastic admirer describes it as a Rose reminding him of a beautiful girl wearing a light colored Gainsborough hat, ornamented with white ostrich plumes. Hence the suggestion of its name. Be sure and try this grand Rose. 2-inch, 15 cts.; 3 1/2-inch, 30 cts.



## CLIMBING ROSES—Continued.

**CLIMBING PAUL NEYRON, OR MADAME WAGRAM:** A grand new Rose. Paul Neyron has always been known as the largest Rose extant. In Climbing Paul Neyron we have this large size, coupled with its bright fresh pink color that no Rose excels and it is also a true perpetual bloomer. The freest of all climbers. This Rose is a wonder. Be sure and try it. 10 cts., large size, 25 cts.

**CHROMATELLA, or CLOTH OF GOLD.** A grand Rose for the South: clear bright yellow, sweet and beautiful.

**MARECHAL NIEL.** Beautiful deep sulphur-yellow, very full, large and exceedingly fragrant. It is the finest yellow Rose in existence. Where allowed to grow until it attains a large size, as it will in a few years, it yields thousands of beautiful golden yellow flowers. 15 cts., 25 cts. and 50 cts.

**MARY WASHINGTON.** Said to have originated at Mt. Vernon over one hundred years ago. It is an everblooming climbing Rose of vigorous and rapid growth, and makes a profusion of fine buds, which are borne in large clusters. The flowers are of medium size, pure white, perfectly double and very sweet.

**CRIMSON RAMBLER:** Perfectly hardy in the open ground, will grow 8 to 10 feet in a season. The flowers appear in great panicles, and are of a deep, rich crimson color, like blood-colored velvet; when cut they last two weeks in water, and fully a month on the bush.



## SWAINSONA GALEGIFOLIA ALBA

A most desirable everblooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a sweet pea. 15 cts., 25 cts. and 50 cts. each.

## TRADESCANTIA

(Wandering Jew)

Indispensable for baskets, brackets and vases. 5 cts. each, 50 cts. per doz.

## VIOLETS

The Violet grows more popular each season, and no home should be without a few plants.

**CALIFORNIA.** Single flowers of deepest blue or purple, borne on stems 8 to 12 inches long. Can be worn nicely as a corsage bouquet. We grow large quantities of this variety for cut-flowers, and rarely supply the demand. 5c each, 50c per doz., large size 10c each, 75c per doz.

**PRINCESS OF WALES.** Of French origin, and considered the finest single Violet grown. It is of the same size as California, but the color is beautiful rich, soft violet-purple; stems strong, stout, from 9 to 12 inches long; very fragrant. 10 cts. each, 75 cts. per doz.

## SALVIA

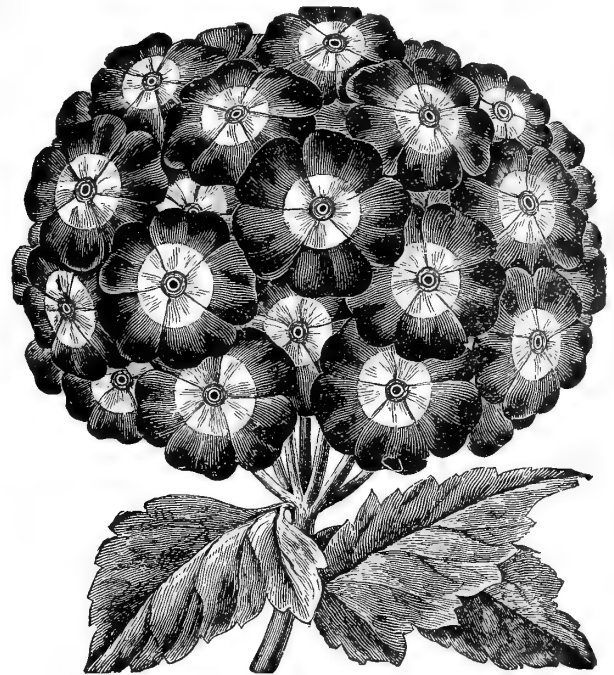
Covered in autumn with spikes of dazzling scarlet flowers. 10 cts. each; 75 cents per doz.

**SPLENDENS ALBA.** The same as Splendens in every respect except in color of flowers, which is pure white.

**SILVERSPOT.** The distinctive feature of this splendid novelty is its strikingly handsome spotted foliage. The leaves are rich, soft, dark green, with light sulphur or cream-colored spots of various sizes liberally sprinkled over them. The intense, bright scarlet flowers are very large; the plants are of neat, compact habit.

## SMILAX

A very graceful climber, with delicate, dense foliage, admirably adapted to climbing or drooping, as may be required. It is fine as a parlor or window plant. 10 cts. each, \$1 per doz.



## VERBENA

This is one of the most satisfactory plants for the South; a bed of it is a mass of bloom the whole summer; the hotter the weather the better it blooms. We have a splendid collection of the Mammoth or Large-flowering varieties, which must not be confounded with the common Verbenas usually sold. The colors range through all the different shades of scarlet, crimson, white, blue, pink and variegated. 5 cts. each, 50 cts. per doz.

## BULBS FOR WINTER BLOOMING

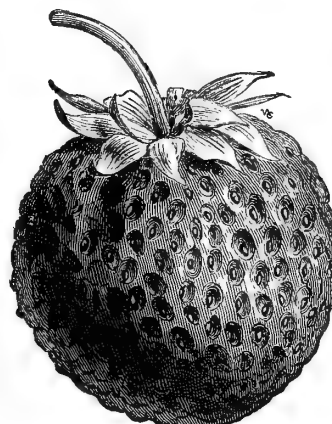
We carry in stock usually during October, November, December and January, a choice assortment of Hyacinths, Tulips, Narcissi, Jonquils, Chinese Lilies, Crocus, Easter Lilies, etc. If you wish any of these, write for our illustrated Bulb catalog.

## FRUIT TREES

We do not carry them in stock but will be glad to procure them for any of our customers. Send us a list of your wants, and we will quote you prices on first-class stock grown by reliable nurserymen.

## STRAWBERRY PLANTS

We handle the best standard varieties, such as Lady Thompson, Klondike, etc. 10c per doz.; 75c per 100, \$4.50 per 1000.



STRAWBERRY

## ORNAMENTAL SHRUBS

**ALTHEA.** Rose of Sharon. Shrubby members of the hollyhock family, with large handsome flowers in white, pink and purple. 35 cts. each.

**BERBERIS THUNBERGII.** Japan Barberry. Drooping symmetrical bushes with small yellow flowers and bright green foliage, changing in the fall to crimson, orange and bronze, with bright red berries. 35 cts. each.

**BERBERIS PURPUREA.** Purple Barberry. 35 cts. each.

**CALYCANTHUS FLORIDUS.** Strawberry bush. Reddish brown, pineapple-scented flowers. 35 cts. each.

**CORNUS FLORIDUS.** Flowering Dogwood. Large, showy white flowers and handsome foliage. 35 cts. each.

**HYDRANGEA PANICULATA GRANDIFLORA.** Hardy Hydrangea. Large symmetrical bushes with enormous panicles of white flowers, changing to deep rose in the fall. 35 cts. each.

**VIBURNUM PLICATUM.** Japan Snowball. A well-known and one of the prettiest of hardy shrubs, with clusters of snow-white flowers. 35c each.

**DEUTZIA Gracilis.** Dwarf white, each 35c

**DEUTZIA Candidissima Plena.** Double white, each 35c

**Crenata Rosea Plena.** Double pink, each 35c

**PHILADELPHUS Flora Alba Plena.** Double flowered, each 35c

**Grandiflorus.** Large flowered Mock Orange, each 35c

**PRUNUS Pissardi.** Purple-leaved Plum, each 35c

**Triloba.** Double flowering Plum, each 35c

**SPIRAEA Anthony Waterer.** Pink dwarf, each 35c

**Billardi.** Pink, each 35c

**Prunifolia.** Bridal Wreath, each 35c

**Reevesiana.** Each 35c

**SYRINGA Vulgaris.** Common Purple Lilac, each 35c

**Vulgaris Alba.** Common White Lilac, each 35c

**WEIGELA Arborea.** Pink, 2 to 3 feet trans., each 35c

**Candida.** White, 2 to 3 feet trans., each 35c

**Eva Rathke.** Crimson, each 35c

We strongly recommend our customers having their plants sent by express when possible. You then get larger plants and the dirt is left on the roots.

# Hardy Perennial Plants

A great many of our customers have often asked for hardy plants that do not have to be planted every year. We have tried a great many Hardy Perennials, and find the following list the best suited to our Texas climate.

## ACHILLEA

(Milfoil, Yarrow)

**PTARMICA FL. PL. "THE PEARL."** Flowers borne in the greatest profusion the entire summer, on strong, erect stems, 2 feet high, of the purest white; as a summer cut-bloom it is of great value. 25 cts. each.

## BOCCONIA

(Plume Poppy, or Tree Celandine)

**CORDATA.** A noble hardy perennial, beautiful in foliage and flower, and admirably adapted for planting in the shrubbery border, center of beds, and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy white color, during July and August. 25 cts. each.

## CAMPANULA

(Bell-flower)

**GLOMERATA (-ALBA).** Grows 18 inches high, and produces during July and August dense clusters of funnel-shaped flowers. 25 cts. each.

## HELIANTHUS

(Hardy Sunflower)

The perennial Sunflowers are among the most effective hardy plants for large borders, for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes or as cut-flowers during the summer.

**SOLEIL d'OR.** Deep golden yellow, quilled petals, not unlike a Dahlia 4 feet. August and September. 25 cts. each.

## HIBISCUS

**CRIMSON EYE.** Produces large pure white flowers with a very large crimson center, all summer. 25 cts. each.

## HOLLYHOCKS

Few hardy plants combine as many good qualities as the Hollyhocks. For planting in rows or groups on the lawn, or for interspersing among the shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during the winter will be beneficial. We offer strong plants, which will flower this season, at 25 cts. each.

## SUPERB PEONIES

The Herbaceous Peonies have always held an important place among the hardy plants, and with the wonderful improvements made during recent years have established themselves among the leaders for popular favor. Their requirements are so simple—a good, rich, deep soil and an open, sunny position, if possible—which, however, is not absolutely necessary, as they thrive almost equally as well in a partially shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers which rival the finest roses in coloring, and produce during their flowering season a gorgeous effect not equaled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, are not troubled with insect pests or diseases of any kind, and once planted take care of themselves, increasing in beauty each year. We have three kinds, Double Red, White and Pink. 35 cts. each, \$1 for 3:

## PHYSOSTEGIA VIRGINICA

(False Dragon Head)

Bright, soft pink. One of the most beautiful of our midsummer-flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. 25 cts. each.

## DECIDUOUS TREES AND EVERGREENS

### DECIDUOUS TREES

ASH. European. 6 to 8 feet, each.....	50c
BIRCH. European White. 3 to 4 feet, each.....	50c
CHESTNUT. Marron Combale. 3 to 4 feet, each.....	50c
ELM. American. 6 to 8 feet, each.....	50c
HORSE CHESTNUT. Red-flowering. 4 to 5 feet, each.....	75c
JUDAS TREE. (Red Bud). 4 to 5 feet, each.....	50c
SYCAMORE. 6 to 8 feet, each.....	50c
MAPLE. Silver. 6 to 8 feet, each.....	50c
TULIP TREE. 4 to 5 feet, each.....	50c
BUCKEYE. Ohio. 2 to 3 feet, each.....	25c
MAPLE. Sugar. 4 to 5 feet, each.....	50c

## PLATYCODON

(Balloon Flower, or Japanese Bell-flower)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit, which bear a continual succession of flowers from June until October.

**GRANDIFLORUM.** Deep blue cupped, star-shaped flowers; 1½ ft. 25c.

**GRANDIFLORUM ALBUM.** A white-flowered form of the above. 25c.

## GARDEN PINKS

Old favorites, bearing their sweet, clove-scented flowers in the greatest profusion during May and June; 1 foot.

**ALBINO.** Very large; pure white.

**DIAMOND.** A fine extra-early flowering, fringed white.  
Extra large clumps of above, 25 cts. each

## HARDY PHLOXES

We have them in White, Red and Pink. 15c each; large clumps, 25c.

## PYRETHRUM ULIGINOSUM

(Giant Daisy)

Grows 4 to 5 feet high, and is covered with large white daisy-like flowers, 3 inches in diameter. 25 cts. each.

## RUDBECKIA, GOLDEN GLOW

(Cone-flower)

We question if any one hardy perennial plant has ever met with greater popularity than this. It is a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden yellow cactus dahlia-like flowers from July to September. 15 cts. and 25 cts. each.

## SANTOLINA CHAMAECYPARISSUS

(Lavender Cotton)

A dwarf evergreen perennial, with delicate silver white foliage; useful as a rock or border plant, also largely used in carpet bedding. 10 cts. each, \$1 per doz.

## SHASTA DAISY

Large snowy white flowers, 4 inches across; in bloom continuously throughout the summer and fall. 15 cts. each, \$1.50 per doz.

## STOKESIA CYANEA

(The Cornflower, or Stokes' Aster)

The colored illustration on the front cover of our 1903 catalogue gave a fair idea of this most charming and beautiful native hardy plant, which for the past few seasons has been the most admired flower on our grounds. The plant grows from 18 to 24 inches high, bearing freely from early in July until late in October its handsome lavender-blue centaurea-like blossoms, which measure 4 to 5 inches across. It is of the easiest culture, succeeding in any open, sunny position, and not only is it desirable as a single plant in the hardy border, but it can also be used with fine effect in masses or beds of any size. 25 cts. each.

## TRITOMA

(Red-Hot Poker Plant)  
25 cents each.

## VERONICA

(Speedwell)

**LONGIFOLIA SUBSESSILIS.** A pretty species with blue flowers, produced on spikes a foot long, continuing in bloom the entire summer and fall. 25 cents each.

### EVERGREENS

AM. ARBOR VITEA. 18 to 24 inches, each.....	\$0 25
GOLDEN ARBOR VITEA. 12 to 18 inch, each.....	50
HOVEY'S GOLDEN ARBOR VITEA. 18 to 24 inches, each.....	1 50
JUNIPERUS IRISH. 12 to 18 inches, each.....	50
JUNIPERUS IRISH. 3 feet, each.....	1 00
BALSAM FIR. 4 feet, each.....	1 00
AUSTRIAN PINE. 3 feet, each.....	1 00
HEMLOCK SPRUCE. 2 feet, each.....	50
AMERICAN SPRUCE. 12 to 18 inches, each.....	25
COLORADO BLUE SPRUCE. 12 inches, each.....	50



# We Sell the Genuine Cyphers Incubators

**REASONS WHY YOU SHOULD BUY A GENUINE PATENT-DIAPHRAGM, NON-MOISTURE, SELF-VENTILATING AND SELF-REGULATING STANDARD CYPHERS INCUBATOR—LATEST PATTERN**

**Artificial Incubation.**—Years of experience have demonstrated the many advantages of artificial incubating and brooding over the old method—the hen. The experimental stage has been passed, and the poultryman of today has but to decide which make of machine to buy—the one that will hatch the largest number of strong, vigorous, healthy chicks from a given number of fertile eggs, and with the least amount of expense and labor; also the brooder best equipped for taking care of the new life as soon as it is ready to leave the incubator.

The best possible test of an incubator is the work it actually does in the hands of the average operator. Tens of thousands of Cyphers Incubators have been sold since they were placed on the market, and their merit is attested in the following:

**Warrant of Superiority.**—Every genuine patented Standard Cyphers Incubator, latest-pattern, is positively guaranteed as follows:

**First:** To require no supplied moisture under normal conditions, thus solving and disposing of the troublesome "moisture question."

**Second:** To be self-ventilating, the air in the egg chamber remaining pure at all times by its own gentle but positive action.

**Third:** To be self-regulating, being equipped with the most sensitive and durable regulator thus far invented.

**Fourth:** To be so constructed that the temperature in the egg chamber is more equable than in any other incubator.

**Fifth:** To be precisely as represented in construction, materials and workmanship, and, if given reasonable care, to last ten years without repairs.

**Sixth:** To be easy to set up and positively automatic in operation (except as to trimming the wick, filling the lamp and turning the eggs), and to operate with less labor and expense than any other make of incubator.

**Seventh:** To be in all essentials the simplest and easiest to operate and control, requiring less attention than any other make or style of incubator in the world.

**Eighth:** To produce larger, stronger and healthier chicks and ducklings than any other style or make of incubator.

**Ninth:** That when it is run in competition with any incubator of a different make, it shall in three or more hatches, bring out a larger average percentage of the fertile eggs in good, healthy chicks and ducklings than does its competitor.

**Tenth:** That each and every Standard Cyphers Incubator we send out will do satisfactory work in the hands of the purchaser, provided he will give it a fair trial, or it can be returned to us within ninety days, in good repair, less reasonable wear, and the purchase price will be refunded.

**The World's Standard Hatcher.**—The genuine Standard Cyphers Incubators are not an experiment. They have been before the public ten years, and have received the benefit of ten years' improvements. Their fame has grown until they are now acknowledged to be the "World's Standard Hatchers."

The latest-pattern Standard Cyphers Incubator represents the highest degree of excellence yet achieved in incubators, both in principle and mechanical construction. It overcomes practically every defect, every inconvenience and every objection urged to artificial incubation as performed by machines of their types. It not only is more convenient to operate; it not only consumes less oil; it not only is safer; it not only hatches a larger percentage of the eggs entrusted to it, but it produces larger, stronger, healthier and more vigorous chicks and ducklings than any incubator ever built. This is our guaranty to the poultry fraternity.

Standard Cyphers Incubators are used on more Government Experiment Farms, on more successful, large, commercial poultry plants, and by more successful fanciers, than all other incubators combined.

The Standard Cyphers is a hot air incubator, and therefore does not possess a tin, galvanized-iron, or copper tank to rust out, spring a leak and water soak the machine, thereby injuring or ruining the woodwork. The improved regulator or thermostat used in the latest-pattern Standard Cyphers is built on original lines, and no other style of regulator has been devised that is its equal in durability, exactness or reliability.

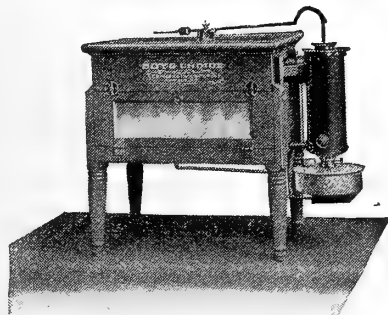
By special arrangements with the manufacturers, we are now in a position to sell Cyphers Incubators F. O. B. Dallas at exactly factory prices, as follows:

No. 0, 66-egg size, \$13.00; No. 2, 240-egg size, \$29.00; No. 1, 140-egg size, \$20.00; No. 3, 390-egg size, 35.00.

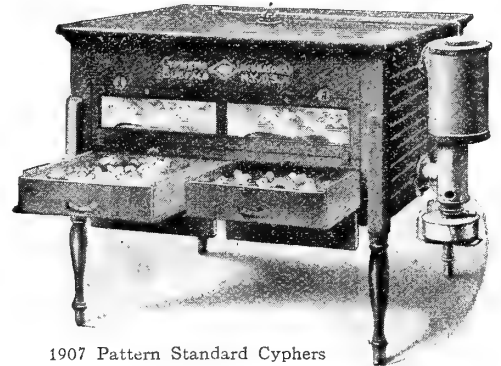
## LOW-PRICE INCUBATORS

While we unhesitatingly recommend the Standard Cyphers Incubator as the best on the market, and the one that is used by the largest and most experienced poultrymen throughout the country, we realize that there is a demand for lower-priced incubators, and we have determined to offer the following two popular-priced machines, in order to meet this demand. These machines are made of first-class materials, on the same general principles as the Standard Cyphers, and will be found to work practically and give very satisfactory hatches. They have been very thoroughly tested by practical poultrymen, and we have no hesitation in recommending them to those who want popular priced machines.

Prices as follows: Boys' Choice, capacity 50-eggs, \$7.50; Farm-Economy, capacity, 110-eggs, \$12.50



Boys' Choice, capacity 50-eggs,  
Price \$7.50.



1907 Pattern Standard Cyphers

All sizes of the latest-pattern Standard Cyphers Incubators are equipped with a "drop-bottom" for supplying ventilation when the incubator is operated during the warm months of May, June, July and August. This new and valuable feature enables the operator to meet all conditions of weather.

The No. 2 and No. 3 latest-pattern Standard Cyphers Incubators are furnished with nursery drawers, the drawers occupying the nursery space underneath the egg trays, and are reached through solid wooden doors located below the glass panel door that opens into the upper portion of the hatching chambers where the egg trays are situated. These drawers will be found of great convenience in removing the chicks and ducklings from our large-size incubators as often as it may be deemed advisable without interfering in any way with the remainder of the hatch.

Cyphers Company incubators are the only machines manufactured that lawfully can be equipped with our patented removable diaphragms, by the use of which the "diffusive" system of ventilation is employed, overcoming the necessity of supplying additional moisture by use of shallow pans, wet sponges or moist cloths. This achievement has rendered Cyphers Incubators so simple and easy to operate and so certain in results that they have met with universal appreciation by experienced operators, while beginners succeed with them from the first trial because the machine itself solves the "moisture problem" for them; in other words, we place in their hands a practically automatic hatcher, leaving nothing to chance or inexperience.

## CYPHERS IMPROVED HYGIENIC INDOOR BROODER

Cyphers Hygienic Indoor Brooder has been on the market several years and has given the best of satisfaction. We offer this brooder with the opinion that it is the best device in the form of an individual indoor brooder thus far conceived and invented for the safe and healthful rearing of chicks. It is strictly Hygienic, simple in construction, economical to run, and reliable in operation. This brooder is composed of three apartments, allowing the chicks to seek whatever temperature suits them best. The outside run is hinged to the brooder proper, so as to drop to the floor, in which position it serves as an incline between the brooder and the floor. The improved heating system used in this brooder is the same as that employed in the Style A and other Cyphers Brooders. Price, \$8.00.

## CYPHERS UNEQUALED APARTMENT BROODERS

Furnish a Safe Home for the Large, Strong and Vigorous Chicks Hatched in Cyphers Incubators, Insuring Rapid Growth, Constant Health, Fine Form and Lustrous Plumage. These Brooders are Certainty, Safety and Security, Combined.

### FOUR STYLES

Style A, Outdoor, Colony Brooder, Size 3x6 feet .....	\$14 00
Self-Regulating, Outdoor, Colony Brooder, Size 3x6 feet .....	17 00
Storm King, Outdoor, Colony Brooder, Size 3x3 feet .....	9 00
Hygienic, Indoor Brooder, Size 3 feet 6 inches by 2 feet 8 inches .....	8 00

Don't risk losses of well-hatched chicks in an inferior, wrongly-constructed brooder when you can obtain a certainty of safety in the Cyphers Brooders. Having hatched your chicks, Don't Court Failure by putting them in an unsatisfactory brooder.

Cyphers Brooders are fit companions for the genuine Cyphers Incubators, and, like them, are correct in principle and are well and durably made of the best materials. They have been improved as experience suggested, until today they are the best brooding device on the market. No other company puts into its brooders the same thickness and quantity of lumber, and the same weight and quality of hardware. They furnish a safe home for the chicks both day and night. The proper test of a brooder is the actual work it does in the hands of the average operator. The superior merit of Cyphers Brooders has been fully demonstrated by the tens of thousands in successful use. Their simplicity, certainty in operation, economy of fuel and convenience in use have won for them the first place in practically every civilized country on the globe, and under the most trying conditions. All styles of the 1907-pattern Cyphers Brooders are the same quality, without exception. They differ in shape and in price only. For less money the customer simply gets less brooder, i. e., less floor space—not poorer quality, either in materials or workmanship. Each of the four styles of Cyphers Brooders for 1907 is equipped with our Latest-Improved Insulated Brooder Stove; best grade, Sun-Hinge Burner; our time-tested, Double-Dome Heating System; Trade-marked thermometer; Sun-Proof, Water-Tight Roof, and patented Eccentric Fasteners for locking corners. All Cyphers Company Brooders, 1907 pattern, are built so that they can be shipped knock-down, and compactly crated, thus insuring much lower freight rates to all points. In setting up these brooders no tools are required, nor is there a nail to be driven or a screw to be put in place—not one. With every brooder we furnish an illustrated circular of directions for setting it up.

### CYPHERS BROODER GUARANTY

Each 1907-Pattern Brooder manufactured and sold by Cyphers Incubator Company, or its authorized agent, is guaranteed to be exactly as represented in all particulars; to be a well-built, durable and practical brooding device that will do the work claimed for it; otherwise it can be returned at any time, within ninety days of the date of purchase, and, if in good condition, less reasonable wear, we will immediately refund the price paid for same. "Every Cyphers Customer a Cyphers Company Friend" is our business aim, and if any person buys a defective article from us we want the privilege of replacing it with a perfect one.

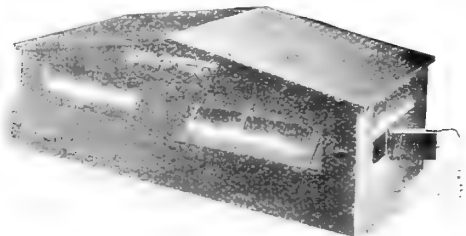
(Signed) CYPHERS INCUBATOR COMPANY.

For full description of Cyphers Brooders, see page 260 main catalogue, sent free on receipt of ten cents to pay for postage.

### CYPHERS STYLE A, THREE APARTMENT, OUTDOOR BROODER AND COLONY HOUSE

The Cyphers Style A Brooder furnishes an outdoor home for little chicks that is as near weather-proof and neglect proof as can be bought and sold at a popular price. We have manufactured these brooders during the past nine years and the best proof of their merit is that tens of thousands have been sold and are giving the best of satisfaction.

Briefly the special points of merit in the Style A Brooder may be summed up as follows:



STYLE A BROODER

being equipped with the Cyphers Insulated Brooder stove, and the entire floor of the hover chamber being protected underneath by a solid sheet of galvanized iron with an air space between it and the wooden floor.

Third—The fumes from the brooder stove cannot pass into the chick chambers (into either apartment), but are carried out at the sides of the brooder by an infallible device.

Fourth—The surplus heat from the insulated brooder stove preserves all the larger wood work of the brooder, by warming and drying the soil underneath, thus making the brooder not only safer and more comfortable, but more durable.

Fifth—The brooder stove is easy of access, being above ground and easily and quickly reached. The flame may be observed without the necessity of stooping over to look through the small mica window in the stove door.

Sixth—The brooder need not be placed in a pit, nor need the ground be excavated for the brooder stove; hence the saving of labor and in the trouble attending the brooder.

Seventh—When the temperature underneath the chick hover is at 95 degrees, we have a surrounding atmosphere of 80 to 85 degrees, while in the front apartment the temperature will average several degrees lower. The chick, therefore, may suit themselves going to and from the heat at will, and will be found to be comfortable at all times.

Eighth—The cylindrical chick guard prevents the chicks from crowding and falling or preventing their coming into contact with the heat drum or dome, to their injury.

Ninth—In this brooder there are no stairs to climb, hence no danger of the little chick getting lost and becoming chilled while learning their way in or out.

Tenth—The brooder may be readily converted into a colony house or colony brooding coop without the use of tools or the driving of a nail or screw. Price \$14.00.

### CYPHERS SELF-REGULATING, THREE-APARTMENT, OUTDOOR BROODER AND COLONY HOUSE

The Cyphers Self-Regulating, Combination Outdoor Brooder and Colony House, 1907-Pattern, possesses every valuable feature that has made the Style A Outdoor Brooder the safest and most popular device of the kind on the

market, together with a number of additions that will recommend it to many purchasers. It differs only in size and shape, and is equipped

with a Regulating Device that will be of material assistance in maintaining a more uniform temperature under neath the chick hover, especially when exposed to all kinds of weather and in extra cold climates. The heating system in every particular, is identically the same as is used in the Style A Brooder. In addition to the valuable features possessed by the Style A Brooder, this brooder is also provided with double-wall insulation for the hover chamber, for use during winter months. When spring arrives, and the weather moderates, this double-wall can be removed in five seconds of time, without the use of any tools whatsoever.

The entire floor space of this brooder, together with the lamp, and other working parts, may be removed and roosts placed on the floor cleats inside brooder, thus making a well-lighted, well-ventilated colony brooding coop. Price, \$17.00.

### CYPHERS STORM KING OUTDOOR BROODER AND COLONY ROOSTING COOP

Recognizing the widespread demand for a thoroughly well-made, practical brooder that can be sold at a lower price than our Standard Style A or Self-Regulating Brooder, we have devised and perfected the Storm King Brooder. This brooder is lower in price simply because there is less of it—i. e., it has less floor space—not because it is cheaper in quality of materials, inferior in workmanship or wrong in principle of construction.



STORM KING BROODER

The Storm King Outdoor Brooder, 1907-Pattern, consists of the brooder apartment of the Style A and Colony Brooders, without the exercising apartment of either, and without the regulating device and double insulation of the Colony Outdoor Brooder. In all other respects—including quality of materials in workmanship, it is identical with the brooding sections of the two larger and higher priced brooders, except that it has a double-frame door in front, furnishing light and warm weather-ventilation to the interior, instead of the smaller, single-frame door used in this section of the other two styles of Cyphers Outdoor Brooders.

The entire floor space of this brooder, together with the lamp and other working parts, may be removed and roosts placed on floor cleats inside brooder, thus making a well-lighted, well-ventilated colony brooding coop. Price, \$9.00.

# Poultry Supplies

WE CARRY THE LARGEST  
SUPPLY IN THE SOUTH

## TEXAS SEED & FLORAL CO.'S HIGH GRADE POULTRY FOODS



**TEXAS SEED & FLORAL CO.'S "STAR BRAND" CHICK FOOD** is the right food for young chicks; it is mixed in just the way nature intended, the proper proportion of cracked grains, small seeds, grit, bone, shell, and dried sweet meat (to take the place of insects and bugs), charcoal to promote digestion, all combined to produce a quick and profitable growth, without loss by disease and weakness caused by ordinary foods. You can raise so many more chicks by feeding it that it is the cheapest feed you can buy. **50 lb. bag, \$1.15; 100 lb. bag, \$2.25.**

**TEXAS SEED & FLORAL CO.'S "STAR BRAND" POUL-**

**TRY SCRATCHING FOOD.** The best dry grain food compounded for the older fowls. Scattered in the litter it promotes digestion by inducing exercise. It should be the morning and noon food, followed by our "Laying and Fattening" Mash at evening. It is composed of cracked grain, seeds, grit, bone and shell, charcoal and dried meat, of large enough size to prevent its being wasted by loss in the litter. It is the best food we can produce for laying and fattening stock. **50 lb. bag, 85 cts.; 100 lb. bag, \$1.50.**

Itasca, Texas, 5-7-06.

TEXAS SEED & FLORAL CO., Dallas, Texas.

Gentlemen:—We have given your Chick Food a good test. We do not hesitate to say you put up a chick food that has no equal in feeding qualities and class of high grade grain on the Texas market.

Every Texas poultryman should send and test your chick Food. They would be satisfied and would willingly buy same in preference to all others.

Wishing you success with your high class goods, Yours truly,  
Copy. VALLEY VIEW POULTRY FARM.

**CYPHERS CHICK FOOD.** Contains a mixture of eleven different grains and seeds, proportioned so as to completely meet the needs of growing chicks. **50 lb. bag, \$1.25; 100 lb. bag, \$2.50.**

**CYPHERS DEVELOPING FOOD.** As its name implies, is a special food intended for properly maturing young chicks after they are ready to be weaned from Chick Food, and to carry them along to the age when it is desirable to place before them the larger whole grains. When the chicks are from six to eight weeks old they are able to eat, and exhibit a preference for larger particles of grain than are found in our Chick Food. **50 lb. bag, \$1.15; 100 lb. bag, \$2.00.**

**CYPHERS FORCING FOOD.** A Mash food specially designed to promote rapid growth. When rapid growth is required, as in growing broilers or roasters, a highly concentrated food can be fed, and for this work we use and recommend the Cyphers Forcing Food. This should be fed according to the results desired. That is, if a broiler is to be produced, the chick should be fed up to the limit, so as to make the growth in the shortest possible time. If a roaster is wanted, it should not be forced so rapidly. A roaster has longer to live, its digestive organs have more work to do, and therefore they should not be taxed to the limit of endurance at the earlier stages. **50 lb. bag, \$1.15; 100 lb. bag, \$2.**

**TEXAS SEED & FLORAL CO.'S "STAR BRAND" LAYING AND FATTENING MASH.** Is made of selected grain ground and mixed with the proper elements to induce Egg Producing and for fattening young stock. Mixed with one part vegetables, potatoes, (or clover meal), brought to a boiling point, and the same bulk of boiling water added, and to this add our Mash and stir to as stiff a consistency as the arm can work it and fed in the evening, it will keep the fowls warm and bring up the egg production to the highest point. **50 lb. bag, \$1; 100 lb. bag, \$1.75.**

**BLOOD MEAL.** Pure Blood Meal fed your poultry will make your hens lay, your chickens grow fast and keep your fowls healthy. It contains no ground bone or other cheap adulteration of any kind, and is the most complete poultry and egg food in use. **10 lb bag 50 cts., 50 lb bag \$2.10, 100 lb bag \$4.**



**CYPHERS LAYING FOOD.** A balanced ration, ready mixed for the daily mash. Cyphers Laying Food is a palatable and highly nutritious balanced ration, ready for making the daily mash, manufactured to meet the demand of poultrymen, who, as a result of experience with mash foods manufactured from by-products and inferior or damaged grain, understand the importance of using foods produced from perfectly sound grains mixed in proportions to insure the best possible results. Poultrymen of experience have learned that it is far more economical to use a first-class food of this kind than a cheaper one containing excessive quantities of oat hulls and other fibrous matter. Our special milling and mixing machinery enables us to produce a uniform product. **50 lb. bag, \$1.15; 100 lb. bag, \$2.**

**MEAT MEAL.** This is a true egg-producing, flesh and bone-forming food, and supplies just what laying hens and growing chicks require. **6 lbs. 25 cts., 10 lbs. 35 cts., 25 lbs. 85 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.**

**MEAT AND BONE.** Consists of meat scrap, bone and dried blood, cooked under steam pressure, and dried and ground; sweet, clean and good. Excellent. **6 lbs. 25 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.**

**GROUND BEEF SCRAPS.** Our ground beef scraps are especially prepared. Feed three times a week at the rate of about a handful to every three birds, in the morning meal of hot food. **5 lbs. 25 cts., 10 lbs. 50 cts., 50 lbs. \$1.60, 100 lbs. \$3.**

**DARLING'S BEEF SCRAPS.** We do a large business with this article. **50 lbs. \$2.25, 100 lbs. \$4.00.**

**ALFALFA CLOVER MEAL FOR POULTRY.** The best and most economical way of feeding clover. **50-lb bag \$1.25, 100-lb bag \$2.25.**

**CYPHERS HIGH PROTEIN BEEF SCRAPS.** **5 lb 25 cts., 10 lb 50 cts., 50 lb \$2.25, 100 lb \$4.00.**

**SHORT CUT ALFALFA.** Excellent food for winter and early spring. **50-lb bag \$1.25, 100-lb bag \$2.**

**STEEL CUT OATS.** Popular for their high nutritive value and the aid they give to quick growth and maturity of young stock. **10 lbs. 50 cts., 50 lbs. \$2.50, 100 lbs. \$4.**

**CRACKED POULTRY BONE.** Manufactured from fresh clean bones, and is perfectly pure and sweet. Should be fed to the poultry daily, about a handful to every five fowls, like grain or any other feed. **6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.**

**FINE GROUND BONE MEAL.** For mixing once a day with soft feed this is unsurpassed. **6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.**

**SEEDS AND GRAINS.** We carry at all times a full line of such seeds and grains as are ordinarily used for feeding poultry; viz., wheat, barley, millet seed, hemp seed, sunflower seed, Kaffir corn, broken rice, canary seed and mixed bird seed. We are always in a position to give our trade the best current prices and can offer the usual inducements on quantity orders. Write for prices.

## POULTRY GRIT AIDS DIGESTION

**CRUSHED OYSTER SHELLS.** Free from dirt and other waste matter. Fine or coarse. **50 lbs. 60 cts., 100 lbs. \$1.**

**CYPHERS COMPLETE GRIT.** It is an established fact among poultrymen that, in order to make the poultry business a success, a first-class grit must be used. Ordinary water-washed, smooth pebbles are not "grit." Grit must have a formation which enables it to retain its grinding qualities under the relaxation and contraction of the gizzard.

Cyphers Complete Grit is all this, and more, for in addition to its grinding and medicinal properties, it contains lime. This is highly valuable, as lime is a necessity for making egg shells. We supply three sizes: No. 1 for brooder chicks, No. 2 for half-grown chicks, and No. 3 for hens, turkeys, ducks and geese. No. 1 is used by many large duck breeders with satisfactory results. **50 lbs. 60 cts., 100 lbs. \$1.**

**MICA CRYSTAL GRIT.** We have it in two sizes, fine and coarse. **5 lbs. 15 cts., 10 lbs. 25 cts., 50 lbs. 85 cts., 100 lbs. \$1.50.**

**CHARCOAL.** Prepared expressly for poultry. Absolutely pure. No poultryman can afford to be without charcoal, and a little of it goes a long way. It aids digestion and promotes the health of the poultry of all ages. Prepared by us in three grades: **Grade A** (fine granulated), for use in mash mixtures. **Grade B** (medium granulated), for small, newly hatched to half-grown chicks. **Grade C** (coarse granulated), for fowls. **Lb. 10 cts., 3 lbs. 25 cts., 10 lbs. 50 cts., 25 lbs. \$1.**

Allen, Texas, Feb. 17th, '06.

TEXAS SEED & FLORAL CO., Dallas, Texas.

Gentlemen:—As you know, this is my second season with the Cyphers Standard Incubator. I am more than pleased with the machines. They have done perfectly satisfactory work in my hands, and I believe the Cyphers is the best machine on the market, and I know that it will do all you claim for it.

Below will give you the number of nice, live, vigorous chicks out of five hatches, four with No. 1 and one with No. 2:

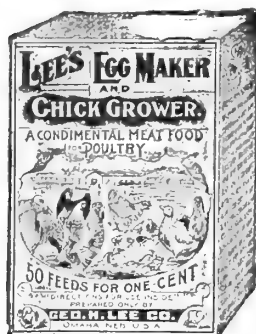
90	out of 105, April, 1905 (my first).
105	" 114, April, 1905.
114	" 115, May, 1905.
80	" 92, Feb. 6th, 1906.
182	" 200, Feb. 17th, 1906 (No. 2).

I think this a splendid record.

I am also using Cyphers brooders in connection with the incubators with perfectly satisfactory results.

Will say further that I am running my machines in an ordinary storm cellar, like you find on most farms. I also tried one hatch in a vacant room in the house and had just as good or better success. It was the 'May hatch'.

At this writing, Feb. 17th, I have 257 chicks, all hatched in Cyphers incubators. Yours truly, MRS. A. F. QUISENBERRY.



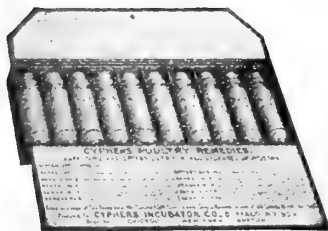
**LEE'S EGG-MAKER.** Supplies materials needed by all fowls — materials which they obtain naturally from the soil, shrubs, insects, etc., on unlimited range, and which you must supply to both fowls and chicks in the domesticated state if they are to do well. It will make hens lay, chicks grow, and keep them all in a healthy, vigorous condition. The cost of feeding it is very small, about one cent per feed for fifty fowls. It is equally good for calves and pigs. 2½-lb. pkg. 25 cts., 25-lb. pail \$2.

**LEE'S BEST CONDITIONER.** A conditioner pure and simple. One pound contains more medicinal properties than 4 pounds of its nearest competitor. For cattle, hogs, horses, and sheep. Pkg. 25 cts.

## CYPHERS POULTRY REMEDIES

Realizing the constant demand for homeopathic poultry remedies among poultrymen, we have made arrangements with the Cyphers Incubator Co. whereby we are able to supply their entire line of well-known reliable homeopathic remedies for poultry diseases, as follows:

**REMEDY NO. 1.—Arsenite of Antimony 3x.**—Useful in all catarrhal colds of poultry having rattling in the throat as a prominent symptom.



**REMEDY NO. 2.—Aconite Bryonia and Spongia Comp. 2x.**—Valuable for all sudden colds, with snuffles, water discharge from the eyes and nostrils, and much sneezing. Prevents roup.

**REMEDY NO. 3.—Hepar-Sulph. 2x.**—For chickenpox and bumblefoot; promotes rapid healing of the sores. Cures chronic catarrhal colds of poultry.

**REMEDY NO. 4.—Mercury Bichloride 3x.**—Useful in all diarrhoeas of poultry, and particularly in cholera. It is best used in drinking-water and will cure the most obstinate cases.

**REMEDY NO. 5.—Mercury Protiodide 2x.**—Will cure diphtheritic roup and all forms of canker. It should be given in full doses until the cankerous patches begin to disappear from the bird's throat, then the dose should be repeated less frequently.

**REMEDY NO. 6.—Nux Vomica and Sulphur 2x.**—For all forms of indigestion and liver disease in poultry. It will cure sour crop, indigestion and some forms of crop-bound.

**REMEDY NO. 7.—Pulsatilla 2x.**—Useful in egg-bound, and in eye diseases in poultry accompanied by the swelling of one eye, with a collection of yellow matter under the lids. This remedy has been successfully used to promote healthful actions of the egg organs and start hens laying that have delayed egg production after moulting.

**REMEDY NO. 8.—Rhus Tox. 3x.**—For rheumatism and cramps in fowls, particularly when accompanied by swollen legs.

**REMEDY NO. 9.—Santonin 2x.**—Useful to get rid of worms and other intestinal parasites. Let the bird go without food for twelve hours, give two tablets every hour until six are given and then give a teaspoonful of sweet oil.

**REMEDY NO. 10.—Ustilago Madis. 2x.**—Used with great success for the cure of the disorders of the egg organs which cause soft-shelled eggs. It promotes a healthful condition of the reproductive organs and will correct sterility, insuring fertile eggs.

One great advantage of these remedies is that the dosage is uniform for all. For the treatment of flocks, twelve tablets should be given in each pint of drinking-water. For treating individual fowls, give one tablet two or three times daily, according to the severity of the case. These doses are for adult fowls; chickens should be given proportionately less according to age.

We are prepared to supply these remedies in tablet triturate form at the uniform price of 40 cents per vial of one hundred tablets, postpaid to any address in the United States. Ten vials assorted remedies, neatly boxed, \$3. The 2x tablets are 1-100 of a grain drug strength each and the 3x are 1-1000 of a grain drug strength. Please order by numbers.

Waxahachie, Tex., Feb., 1906.  
TEXAS SEED AND FLORAL CO., Dallas, Texas.

Gentlemen:—I have used many different makes of Incubators, during the past 15 years, and have found nothing that I considered equal to the "Cyphers." I have pretty thoroughly tested the 1906 210 egg size and can very truthfully say the results have been more than satisfactory. The chicks proved to be such strong, vigorous, healthy little fellows and so easily raised. As a self regulator it is certainly a great success, and that I consider the most important feature of the whole process. Too much cannot be said in praise of the "Cyphers."

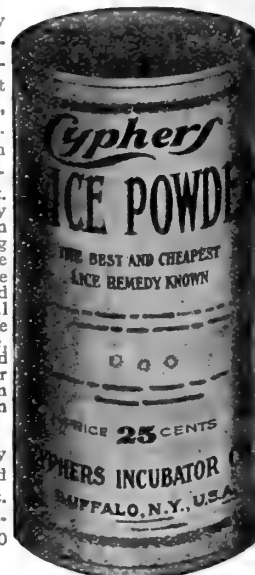
UNCLE SNORT.

**CYPHERS LICE PAINT.** A scientifically compounded liquid preparation for use primarily in killing lice, mites and other parasites on fowls, but which also does excellent execution on lice and ticks on sheep, hogs, horses and cattle.



The vapor which arises from the liquid does the work. It is applied by using sprayer on roost and dropping boards, not on the fowls, and is the easiest applied and most economical preparation to use for destroying lice, mites, ticks and other parasites ever offered. 1-qt. can 35 cts., 2-qt. can 60 cts., 1-gal. \$1.

**CYPHERS LICE POWDER.** Carefully compounded, and contains no carbolic acid or other chemicals injurious to eggs. 5-oz. pkg. 10c, postpaid 15c; 15-oz box 25c, postpaid 40c; 48-oz. box 50c, postpaid \$1; 100 oz. pkg. \$1, can be sent by express only.



## Cyphers Roup Cure—Cures Roup

Cure Guaranteed or Money Refunded

Cyphers Roup Cure is the best possible remedy for roup in all stages and forms. It is thoroughly reliable and dependable. Roup is the most common and, next to cholera, the most deadly disease affecting poultry. Every poultryman should take precautions to safeguard his flock against this dread disease.



Roup, it prevents and cures common colds, and for canker is without an equal. Pigeon growers as well as poultry men will find this remedy of especial value in the cure of all forms of canker in poultry or pigeons. Cyphers Roup Cure is used by simply dissolving the remedy in the drinking water. The birds take their own medicine. Full directions for the use of this remedy will be found on the label of every package. Small-size package, postpaid, 50 cts, large-size package, postpaid \$1.00.

Crockett, Texas, Sept. 8th, 1906.  
"I purchased a Cyphers Incubator from you a few months ago which worked perfectly, hatching 55 chicks from 62 eggs which were shipped to me from Rheems, Pa.—one thousand miles. I shall want another Incubator soon and shall buy one from you."  
Yours truly,  
(Signed) W. K. LANCASTER.



**CYPHERS NAPCREOL**  
A fluid disinfectant and deodorant. Unexcelled for disinfecting poultry houses and runs, stables, dog kennels, toilets or any place where a good germ or odor-destroyer is needed. One gallon will make 100 gallons of disinfectant. Cures cuts, galls, mange, scratches, thrush cracks and fissures on horses and cattle. Destroys ticks, mites and other parasites. It is an ideal stable disinfectant; removes odors, prevents flies from breeding, and purifies and sweetens. Put up in half-gallon and gallon cans. ½ gal. 85 cts., gal. \$1.50.



## POULTRY REMEDIES, ROUP CURES, EGG STIMULANTS, HORSE AND STOCK FOODS, LICE KILLERS AND DISINFECTANTS

**MYERS' ROYAL POULTRY SPICE.** It is known to be the greatest egg-producer and fattener of ducks and poultry ever invented, and stands unrivaled for raising young chicks and ducklings, giving them stamina against cold winds and damp weather. 1/4-lb pkg. 10 cts., 24-oz. pkg. 25 cts., 5-lb pkg. 75 cts., 25-lb bag \$3.75.

### MYERS' ROYAL HORSE AND CATTLE SPICE.

Myers' Spice is a preparation in the form of a fine delicate powder composed of the most nutritious and appetizing seeds. It gives animals bone and muscle, exterminates worms, gives strength and endurance, refreshes jaded animals, makes horses do more work, tones the stomach and prevents colic. It is life indeed to brood-mares and their progeny. It makes a horse fit for the market quicker than by any other means. It purifies the blood; makes lively, energetic and fine horses. It coaxes the appetite, sweetens the stomach and aids digestion. 2-lb card boxes 25 cts., 5-lb bag 60 cts., 25-lb bag \$2.50, 50-lb bag \$5, 100-lb bag \$10.



**MYERS' INVALUABLE HOG POWDER.** Myers' Invaluable Hog Powder, whilst keeping hogs from disease, stimulate their growth, improve their condition, make them put on fat rapidly. They are always effectual as a restorative in cases of scouring and other ailments; also as an appetizer they are really marvelous. They are just what sows require before and after farrowing. Hogs are fond of them. Sold in boxes containing one dozen packages. 50 cts.



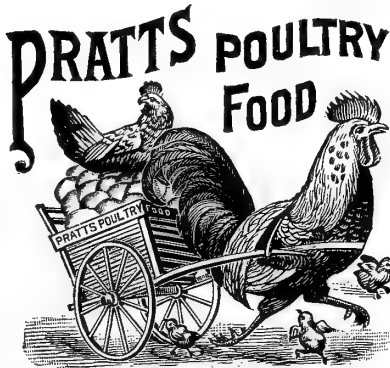
cows are subject. Small pkg. 25 cts., large pkg. 50 cts.

### PRATT'S POULTRY FOOD.

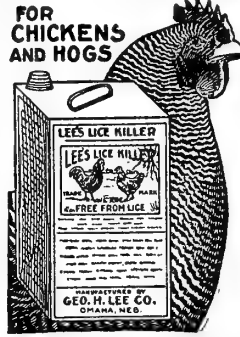
It positively cures and prevents chicken cholera, roup, gapes and all diseases. It makes young chickens grow quickly and profitably. It will increase the quantity of eggs. It will make turkeys, ducks, geese and pigeons thrive. It will help moulting fowls, and make them lay sooner. 26-oz. pkg. 25 cts., 5-lb. pkg. 60 cts.

### POOL'S POULTRY PANACEA.

For sorehead, roup, cholera, chickenpox, diarrhoea and many other poultry diseases, Panacea is the best remedy. A cure for all diseases of the throat, head or bowels, easily administered, usually in drink-water as directed. It not only cures, but, if given in time, will prevent all the diseases so common among poultry. 25 cts., by express only.



**LEE'S LICE KILLER.** Kills all body-lice and mites on poultry and hogs by simply painting, sprinkling or spraying it on roots or rubbing posts or bedding. Apply it in a few minutes in afternoon or early evening, and it works while they sleep. Must not be applied direct on the bodies of fowls or animals. Qt. can 35 cts., 1/2-gal. can 60 cts., 1-gal. can \$1, 5-gal. can \$4.

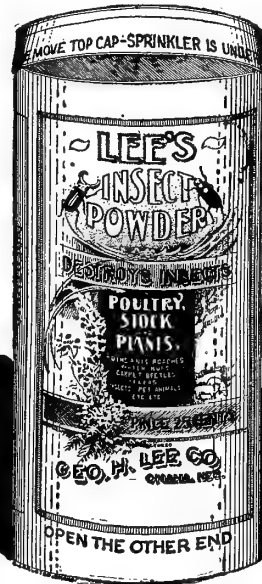


**CYPHERS FULL-NEST EGG-FOOD.** Is a gentle stimulant to the egg-producing organs of the fowl, strengthening and stimulating them to a normal, healthy action, resulting in an increased production of strong, fertile eggs. 42-oz. pkg. 25 cts., 25-lb pails \$2.



**OVINAPHTHOL LICE KILLING NEST EGG.** Our Ovinaphthol Lice Killing Nest egg is a combined nest egg and lice killer. By simply using it in the nests in the same manner as an ordinary nest egg is used, laying hens are cleared of lice and mites, and are able to occupy the nests with comfort. The use of this nest egg insures the absence of all kinds of insect pests from the nest. They will last a long time and always retain their effectiveness. This makes them the most inexpensive medicated nest egg that can be used. Each 10c, per half-doz. 45c, per doz. 75c.

**LEE'S GERMOZONE.** Originally designed and extensively used as a household remedy for diseases of the skin and mucous membrane, has given most wonderful results in the treatment of poultry diseases of the same nature. Roup, canker, swelled head, colds, cholera, bowel complaint, etc., are all inflammations of the mucous membrane and yield readily to treatment with Germozone. Prepared in two forms—liquid and tablet. Each is equally good in every way. Large 12-oz. bottle, 50 cts., package of tablets, 50c. Tablet form mailed post paid for 50 cts.



**LEE'S INSECT POWDER.** The best and least expensive Insect Powder in the world. Handy to use for poultry, stock and pet animals. Sure death to insects. 1 1/4-lb package 25 cts.

Hutto, Texas, 6-28-06.

TEXAS SEED & FLORAL Co., Dallas, Texas.  
Dear Sirs:—Our second hatch in the Cyphers incubator today gave 84 good healthy chicks. I think it was about all the fertile eggs. There are four other incubators of various makes in the neighborhood, but the Cyphers took the lead in the hatch; and as for attention, it needed none—only to trim the lamp and turn the eggs—no staying at home and getting and up at night to look after it.

Yours truly,  
W. H. FARLEY, SR.

**LAMBERT'S "DEATH TO LICE."** Can be used as an insecticide for bugs on bushes or vines, vegetables, plants, etc. Sitting hens, well dusted twice during incubation, will not leave their nests on account of lice. 5-oz. box (trial size) 10 cts., postpaid 15 cts.; 15-oz. box (regular size) 25 cts., postpaid 40 cts.; 48-oz. pkg. (farmer's size) 50 cts., postpaid \$1; 100-oz. pkg. (poultryman's size) \$1, express paid \$2.

**LAMBERT'S "DEATH TO LICE" OINTMENT.** A fine, perfumed salve for head-lice on chickens or children, also used for scaly shanks on fowls. 1-oz. size 10 cts., postpaid.

**TOBACCO DUST.** Fine for putting in dust box for fowls. 1 lb, postpaid, 20 cts. By express, 10 cts. per lb., 10 lbs. 75 cts., 100 lbs. \$5.

**TOBACCO STEMS.** Fine for placing in hens nests. 1 lb, postpaid, 30 cts. By express, 10 cts. per lb., 10 lbs. 75 cts., 100 lbs. \$5.

## CONKEY'S ROUP CURE

### Conquers Roup

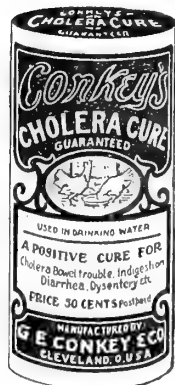
**SYMPTOMS.** Sneezing, followed by wheezy, difficult breathing. Discharge from the nostrils and eyes which quickly thickens, becoming cheezy looking; rattling in the throat; offensive odor, loss of vitality, etc.



**TREATMENT.** Conkey's Roup Cure is a positive cure for all forms of this disease. We guarantee this. If it should fail, your money will be refunded, no questions, just money. It is placed in the drinking water, the fowl takes its own medicine without knowing it, and you are relieved of any inconvenience. Coming in contact with the head and throat membranes, it kills the germs at once. It is quickly taken up by the system, and being a strong tonic and blood purifier, cleanses the

blood and builds up the system. It is equally effective for turkeys and for canker in pigeons. 50c and \$1, postpaid.

**CONKEY'S CHOLERA CURE.** Is a positive cure for bowel trouble, indigestion, diarrhoea, dysentery, cholera, etc., in fowls, both young and old. Not only does it overcome these troubles, but it tones up the system at the same time and puts your flock in excellent condition. It is simply put in drinking water and fowls take their own medicine. Given occasionally it prevents these difficulties. Remember, we guarantee it to you. 50 cts. per box, postpaid.



**CONKEY'S GAPE CURE.** A truly wonderful remedy for the cure of this disease. Don't wear yourselves and your fowls out with extractors, fumes, etc. Conkey's Gape Cure positively cures and is given without trouble or loss of time. Simply put it in soft feed. It builds up the general health and kills the worms. Also a great preventative. Send for a box today—keep it on hand. 50 cts. per box postpaid.



**CONKEY'S LICE LIQUID.** The greatest enemies of your fowls are mites. They leave the fowl's body

each morning and hide in the cracks and crevices of the roosts and houses. At night they return in countless numbers, bite through the skin and suck the life blood from the flock. Conkey's Lice Liquid painted or sprayed over the roosts, etc., will quickly and effectively rid your fowls of this plague. Like all other remedies this is most carefully prepared and is guaranteed to please you. Don't fail to try it. 1 qt. 35 cts., 2 qts. 60 cts., 1 gal. \$1., expressage extra.

**CONKEY'S LICE POWDER.** For killing lice nothing can take the place of a dependable Lice powder. Conkey's Lice Powder is scientifically prepared, always the same, and can be absolutely relied upon to rid your fowls of these lice. It will also kill lice on horses and cattle, ticks on sheep, bugs on tomato plants, rose bushes, etc. It is put up in large attractive, sprinkle top cans, containing full directions for use. Don't be without it. 5 oz. 10c, 15 oz. 25c, 48 oz. 50c, 100 oz. \$1. Add 1c per oz. for postage or 25c for expressage.

**CONKEY'S HEAD LICE OINTMENT.** Head Lice annually kill thousand of little chicks—in fact are the greatest cause of their loss. Even chicks raised in brooders are subject to them if the brooder is not kept scrupulously clean. These lice fasten themselves on the chicks' heads and quickly sap all of their vitality. Conkey's Ointment is a non-poisonous, perfumed preparation that is instant death to these insects. Also good for scaly legs. 1 oz. tin, enough for 100 applications, 10 cts., postpaid; 3 oz. tin 25 cts., postpaid.

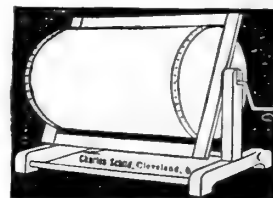
**CONKEY'S HEALING SALVE.** A salve with remarkable healing qualities. Of the highest value in treating scaly legs, favus, chicken pox; also wounds, sores, cuts, bruises, etc.; not only of poultry but of all animals. It is also invaluable for human use for healing all sores, cuts, bruises, chapped hands and lips, stings and bites, and all skin diseases. 1 box 50c, postpaid.

## For Dogs, Cats, Caged Animals, Etc.

**CONKEY'S MANGE BALSAM.** A positive cure for Mange, Eczema, Canker, Sore Ears, Ring Worms and all forms of parasitic skin diseases. 1 box 50 cts. postpaid.

**CONKEY'S DISTEMPER CURE AND CONDITIONER.** A wonderful cure for this scourge. Excellent for young puppies—prevents worms and insures good health. If your dog is run down and out of condition give this a trial—it will satisfy you. 50 cts. per box, postpaid.

**SCHILDS' LIGHTNING LICE-KILLING MACHINE.** Put your fowls in this machine, sprinkle Lightning Lice Powder on them, close door, turn crank slowly a dozen times and your fowls will be thoroughly dusted and all bugs killed. All f. o. b. Dallas.



No. 1. For chicks and single hens. Price with 1/2-lb can of powder, \$3.

No. 2. For standard size fowls; capacity 4 to 6 large fowls, or 50 to 60 chicks. Price with 1/2-lb can of powder, \$3.50.

No. 3. For turkeys and large breeds of poultry. Price with 1/2-lb can of powder, \$4.50.

Lightning Lice-Killing Powder. 1/2-lb can 25c., 1-lb can 50c.

Lice Murder. 25-lb sack \$1.50.

## LOOK OUT FOR THE CHOLERA GERM

It May Be in the Trough

### "ANTI-KOL"

#### The New Scientific Cure and Preventive of Hog Cholera

Antikol is specifically designed to prevent and cure Hog Cholera. It cannot be of benefit except in cases where a disease is due to germs introduced into the intestinal tract. It is fatal to the hog cholera germ and yet absolutely harmless to the hog when used in accordance with directions. It absolutely destroys the cause of cholera in a few hours and consequently, when properly used, is a perfect preventive. If the disease has already gained access to the herd, "Antikol" will kill the germs sure to be present in the food and drink of the hog, as well as effectively destroying the disease-producing Bacteria in the intestine of the animal.

Like consumption, diphtheria, or any other germ disease, Hog Cholera must be treated in time or nothing will prevent fatal results.

#### "ANTI-KOL" \$1.00 AND \$6.00 PACKAGES

The \$6.00 size contains 7 1/2 times more than the \$1.00 size. "Antikol" postpaid, in \$1.00 size, \$1.18.

## IDEAL TONIC

"Ideal Tonic" for hogs is a strictly high grade tonic, which can be used with equally good results on all kinds of stock, horses, poultry, etc. We guarantee that there is no better made, it contains absolutely pure ingredients in concentrated form.

It will quickly tone up the system of any animal, being an excellent nerve tonic, as well as stimulating the appetite and improving the condition of the animal generally. It also destroys worms. It is guaranteed to be the highest grade stock tonic that has ever been offered for sale.

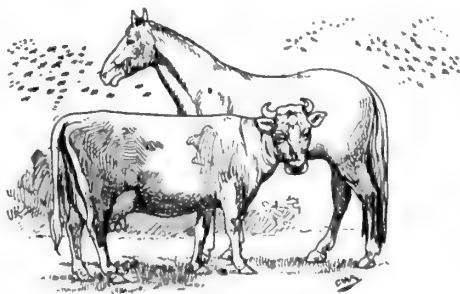
"Ideal Tonic" was originally prepared for hogs which had been cured of Cholera by "Antikol." The delicate condition of the stomach and intestines of these animals naturally makes it necessary that a strictly high grade tonic be used in order to assist the hogs to gain as rapidly as possible.

#### "IDEAL TONIC" 50 CENTS AND \$1.50 SIZES

\$1.50 size contains 4 times more than the 50-cent size. "Ideal Tonic" postpaid, in 50c size, 65c.

## ANTI-FLY PEST

Anti-fly Pest protects mostly by evaporation—the fumes do the work.



One application instantly relieves horses and cattle of all annoyance from flies, mosquitos, gnats and insects of all descriptions for at least twenty-four hours. Cows sprayed with Anti-fly Pest will produce 25 per cent more milk. One gallon is sufficient to treat 300 cows. For spraying use our Faultless Sprayer. 1/2-gal. can 50 cts., 1-gal. can 75 cts.

## PIGEON SUPPLIES

**PIGEON NAPPIES.** For pigeon nests. Made of solid wood with heavy bottom and will not be overturned. 15 cts. each, \$1.25 per doz. \$10 per 100.  
**CANADA FIELD PEAS.** These are largely used for feeding pigeons. 10 lbs. 50 cts., 50 lbs. \$2, 100 lbs. \$3.50.

**OLD ENGLISH SALT CAT.** A preparation possessing aromatic and tonic properties of such roots, herbs and seeds as gentian, anis, caraway, cummin and coriander, also bone, crushed oyster shells, granulated charcoal, crushed limestone, rock salt, sulphate of iron, etc. It aids digestion, invigorates the system and promotes good health. It is put up in brick form which keeps the birds busy picking at it, and prevents waste. Prices: per brick, 25 cts. If sent by mail, add 20c. per brick for postage.

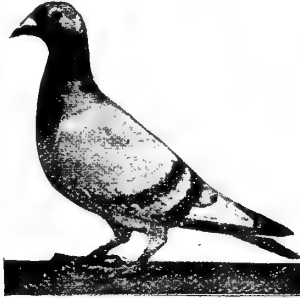
**TEXAS SEED & FLORAL CO.'S "STAR BRAND" PIGEON FOOD.** A properly-balanced mixture of a number of grains and seeds so proportioned as to keep the old birds in good condition and help the young ones grow strong and healthy. Nothing but the highest quality of grains and seeds are used. There is no waste—the birds eat every particle. Prices: 50-lb bag \$1.50; 100-lb bag, \$2.50.

**GRAINS AND SEEDS.** We carry a full and complete stock of all grains and seeds such as hemp, Kaffir corn, red wheat, etc., for pigeon feeding. Prices on request.

## HOMER PIGEONS.

**HOMER PIGEONS** for Squab raising, from selected stock. Each pair will have from 8 to 10 pair squabs a year, which are ready for market when four weeks old. This is a profitable investment as well as a pleasant pastime.

Mated birds, \$10.00 Per Dozen (six pairs). No order for less number considered.



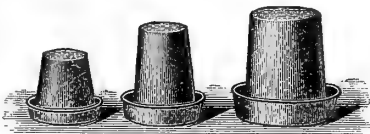
## POULTRY APPLIANCES AND SUPPLIES FOR POULTRY HOUSE AND YARD DRINKING FOUNTAINS

**HALLOCK FOOD AND WATER HOLDERS.** No better arrangement could be devised, either for outdoor or indoor use. For ducks, geese and turkeys use the 3-gal. holder. They will save 15 to 25 per cent in the soft food used.



Small (1 gal.) 75 cts., medium (2 gal.) \$1, large (3 gal.) \$1.25.

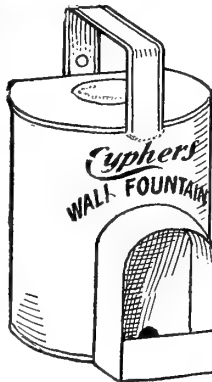
**CYPHERS WALL FOUNTAIN.** Something new and extra-serviceable in the way of poultry fountains. One side of the back is flattened so that it can be hung on the wall of a building, or against an upright post or board at any height. Equally serviceable for young chickens or adult fowls. 1 gal. size 60 cts., 2 gal. size 90 cts.



## GALVANIZED IRON DRINKING FOUNTAIN.

These fountains embody every good feature of the up-to-date drinking fountain and are acknowledged to be the best in use. Small size, 20 cts., medium, 30 cts., large, 40 cts.

**GALVANIZED FEED PANS.** 5½x18 inches long, 2½ inches deep. 50c each.



## SANITARY SELF-FEEDING BOXES.

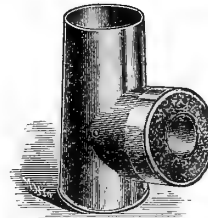
Manufactured from the best galvanized iron and contains three compartments for food, shell or grit. It can be hung up against the wall at any height desired, and is a thoroughly first-class article. It is the best self-feeding food hopper on the market. 60c.



**CYPHERS DRY-FOOD HOPPER.** An economical and sanitary self-feeding device for use with dry food. The Cyphers Dry-Food Hopper has two compartments, a large one for grain mixtures, holding about six quarts, and a small one for beef scrap, holding about three quarts. The trough of the hopper is high enough to prevent waste, and at the same time permit easy access to the food. The hopper is provided with a hinged cover, which protects the grain at all times from moisture and filth, and is also supplied with a strong handle for convenience in filling and handling. These hoppers are intended to be hung against the wall of a poultry house. Each 75 cts.

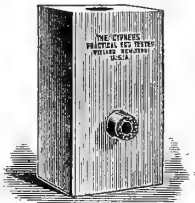
## EGG TESTERS

**CYPHERS X-RAY EGG TESTER.** Designed for use on an ordinary hand-lamp and fits over any style of burner with a diameter approximating that of the tester. 25 cts.; by mail 35 cts.

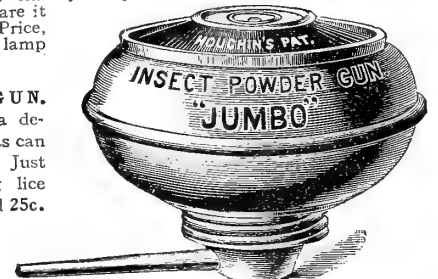


## CYPHERS PRACTICAL EGG TESTER.

This standard tester embodies the best ideas to date. It is 18 inches high, 10 inches deep and 10 inches wide. An ordinary glass chimney, such as is used on a house lamp, will fit it and is exactly adapted to the purpose. With proper care it will last a lifetime. Price, complete, including box, lamp and reflector, \$1.25.

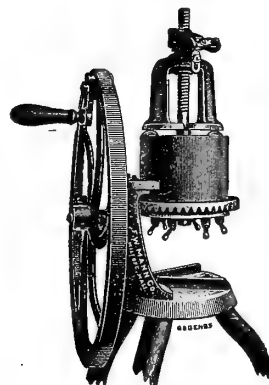


**JUMBO POWDER GUN.** Has been made to meet a demand for as large a gun as can be held in the hand. Just the thing for applying lice powder. 20c., postpaid 25c.



## GREEN-BONE AND CLOVER CUTTERS

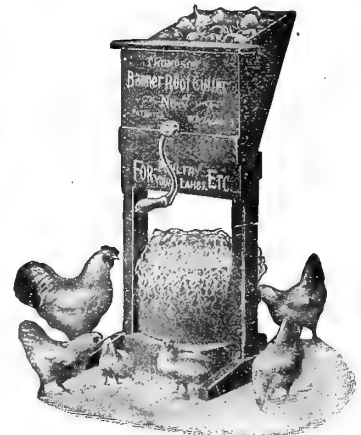
**MANN'S GREEN BONE CUTTER.** Easy to fill, easy to clean, easy to operate. The knives are made from hardened steel of the same kind from which cold chisels are manufactured. No. 5C \$7, weight 30 lbs.; No. 5B \$9, weight 55 lbs.; No. 5B. M., weight 85 lbs., \$11.50; No. 7, for flocks, of 40 to 100 hens, weight 107 lbs., \$13; No. 7½ (semi-power), weight 150 lbs., \$17; No. 8, balance wheel and iron stand, weight 170 lbs., \$19.75. Write for descriptive circular of Mann's Bone Cutters.



MANN'S BONE CUTTER

## THOMPSON'S BANNER ROOT AND VEGETABLE CUTTER

No. 7. Adapted especially for poultrymen and farmers or for suburban residents keeping a couple of cows. Cuts roots and vegetables into fine chicken feed. Capacity, one bushel in about five minutes. Suitable for flock of 50 to 1000 fowls. \$5.

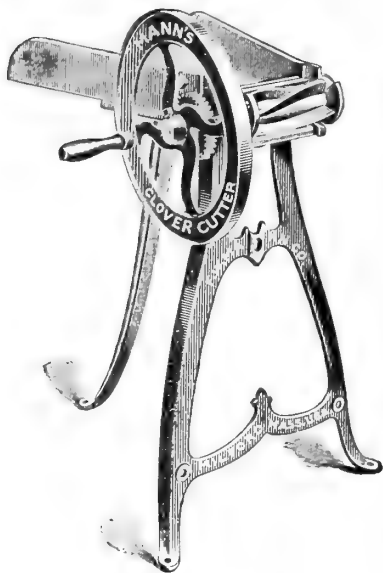


Crisp, Texas, Mch. 23d, 1906.

TEXAS SEED & FLORAL CO., Dallas, Texas.  
 Gentlemen:—I have just taken off my second hatch, getting 103 chicks from 111 fertile or tested eggs. In my first hatch I got 101 chicks. Eggs were not tested.

After we learned to operate the machine correctly—it takes very little time and gives no trouble—in fact it reminds me of a gasoline engine I once owned—the less you fool with it the better it works. We like it so well that we want a No. 2 fit up with acetylene gas burner to take the place of the oil lamp. The Brooder is just as good to take care of the chicks as the Incubator is to hatch them and both of them are good enough for anybody.

Yours truly, R. L. SPARKMAN.



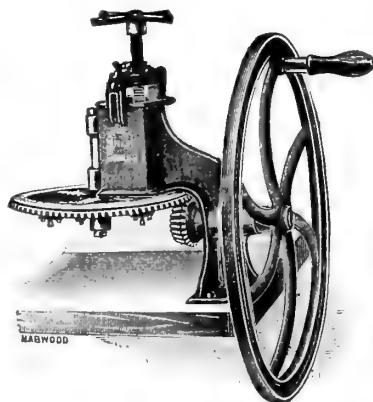
MANN'S CLOVER CUTTER.

ters. Weight, 120 pounds. Capacity, 30 to 50 bushels per hour. Price of No. 20 Cutter, complete, \$12; knives, per set of 20, \$1.50. The price of knives is for them delivered, express prepaid.

**No. 0 DANDY BONE CUTTER.** This machine is adapted to the needs of a flock of from sixty to seventy-five fowls. We do not recommend it for larger flocks than this. Price \$12.

**ANTI-LICE ROOST HANGER.** Fill the cup with lice killer or coal oil. Poultrymen should not be without them. Will keep the birds free from vermin. Price 10c, per doz. \$1.

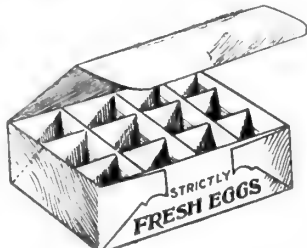
**WIRE HENS' NEST.** Strongly made. Very durable. Fasten to the wall. No harbor for vermin. Price, each, 25c.



DANDY BONE CUTTER

**ANDERSON EGG BOX.** This box makes an admirable box for shipping fancy eggs. It folds flat for shipment. When set up it becomes strong and durable. The eggs are surrounded by a double thickness of corrugated paper, which perfectly protects them from any injury. The box is sealed by means of gummed labels which are furnished free. The label answers for both address and seal. Prices: No. 3, one setting, \$1.25 per doz.; No. 4, two settings, \$1.75 per doz.; No. 5, fifty egg size, \$2.50 per doz.

**IDEAL PAPER EGG BOXES.** Just the thing for your family egg trade. These boxes are intended for use in delivering eggs to private families. They are exceedingly neat in appearance and go a great way toward making satisfied customers. If you have a "select" egg trade, you should use this box. They ship "knocked down," can easily be set up and the customer, after using contents, can take them apart and return them. We especially recommend our Ideal Egg Boxes to grocers and market men. 1-doz. size, doz. 25 cts.; 2-doz. size, doz. 45 cts.

**MANN'S CLOVER CUTTER**

Cuts any kind of hay or clover, either dry or green, and does the work more rapidly than any other hand cutter of the same size on the market. Price with iron stand, all complete, \$10.75.

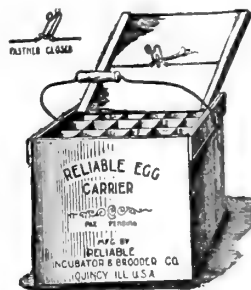
**BANNER ROOT CUTTER**

No. 20. We are exclusive agents in Dallas for this line, and if any one feeding roots to stock or poultry desires to properly cut and prepare the feed, there is no doubt whatever that these Cutters are the best machines of the class on the market. They have a universal sale, and wherever roots are fed to stock Banner Root Cutters will be found. It is well built, nicely finished, runs easily, feeds itself, separates the dirt from the cut feed, and, take it all around, it is all that could be desired in the way of a first-class Root Cutter for all ordinary requirements. It is supplied with the best of steel knives. The condition of the fodder after passing through this machine is left in the same desirable shape, to avoid choking, as comes from all the other Banner Root Cut-

**ERIE EGG-SHIPPING BOXES.** These boxes are made of corrugated paper, and are very strong. The self-locking handle prevents contents being tampered with. 15-egg size, doz. \$1.50; 30-egg size, doz. \$2.



ERIE EGG BOX



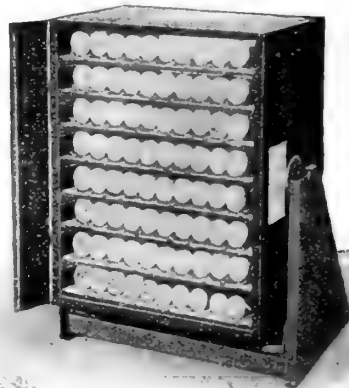
**RELIABLE EGG CARRIER.** The best and most complete Egg Carrier on the market, holding 12 dozen eggs. It is equipped with an adjustable cover and a patent combination lifter and fastener. Just the thing for the farmer as well as the poultryman. It is so arranged that when only one dozen eggs are placed in it the lid can be dropped down and fastened just the same as though it were full of eggs. Each and every one of our Egg Carriers is nicely painted and is equipped with the very best fillers. 75c each. Special price by the dozen on application.

**WOOD'S REVOLVING EGG CABINET.**

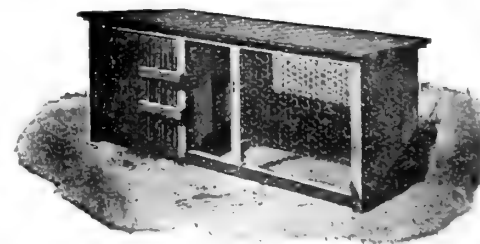
Eggs intended for hatching should be turned daily. Eggs for market should also be turned every two or three days. Wood's Revolving Egg Cabinets are a practical device for doing this work and meet a wide-spread need among poultrymen. 150-egg size, weight 30 lbs., \$3.50; 288-egg size, weight 55 lbs., \$5.50.

**WOOD'S PONY CABINET.**

We recommend this cabinet to fanciers who have small numbers of eggs to turn. Simply reversing the cabinet does the work. Price of Pony Cabinet, capacity 72 eggs, \$1.00.

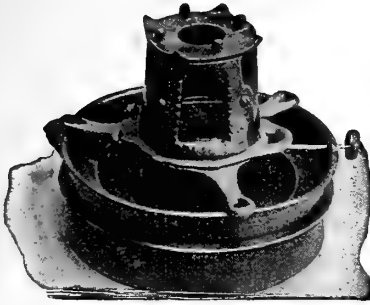


**NEW MODEL COOPS FOR HENS WITH CHICKENS.** Cyphers New Model coop is 4 1/4 feet wide, 2 feet deep, 1 3/4 feet high in front and 1 1/4 feet high at the rear. As will be seen in the illustration, it has two compartments—a closed or house part, and a wire-enclosed shelter or exercise room. The house part—1 1/4 x 2 feet—is provided with a removable floor, and is separated from the exercise room by a wooden partition with galvanized wire-cloth window and door which admit light and air. The exercise room—2 1/4 x 2 feet—is closed at the end, and screened with fine mesh galvanized iron wire back and front, providing a roomy shelter for the hen and chicks. The dowel door in front of the coop permits the chicks to enjoy the advantage of free range, while the mother hen is safely confined. A number of these coops with broods of chickens may safely be placed in the garden or berry patch, where the little chicks can range at will, and thrive on the bugs and worms without injury to the garden or crops. In addition to protecting the chicks from the weather, the New Model Coop provides safety from cats, rats and hawks. Price of New Model Coops, \$3.



**CHICK SHELTERS.** For use in connection with outdoor brooders. These Chick Shelters are to give an open space where the chicks can run outside the brooder, and yet be protected from sun and storm, and from cats, rats, hawks, etc., which so frequently reduce the flocks. It is a most effective safeguard, and by its use fanciers and other poultry raisers may reduce their losses to the smallest proportion. The shelter is made in two sizes. The larger is 12 feet long by 3 feet 2 inches wide, 24 inches high in the center and 14 inches high at the sides. The shelters are shipped "knocked down," hence the freight charges are low. Small size, 3x6 feet, all complete, \$5.50; large size, 3x12 feet, all complete, \$10.





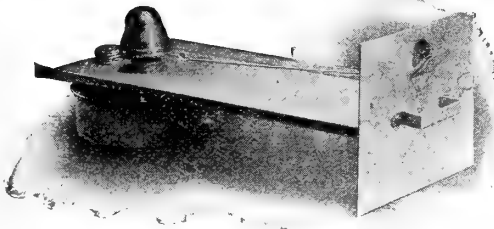
**CYPHERS SAFETY BROODER STOVES.**

The safety water-pan on this stove holds nearly a quart of water and extends out over the entire surface of the oil bowl. By this arrangement all danger from the generation of explosive gases is removed. It furnishes twice the heat of an ordinary brooder lamp. Just the stove for use in home-made brooders. Height, 7½ inches; greatest width, 10½ inches. Stove complete, ready for use, \$1.25.



**PURE SULPHUR FUMIGATING CANDLES.** Easy to light, easy to extinguish, safe to use and produce a vapor deadly to all infectious diseases, disease germs and insect life. Complete with water pan, 15 cts. each; by mail, 25 cts.

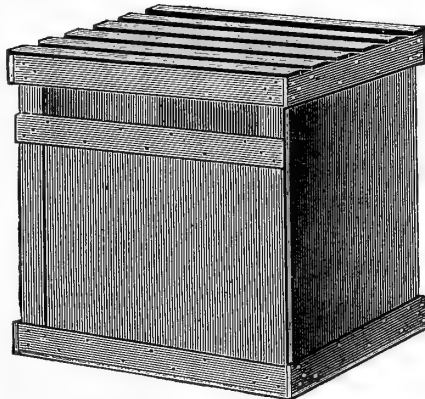
**IMPROVED PATTERN INSULATED BROODER STOVES FOR STYLE A BROODER.** This season we supply with our Style A Outdoor Brooders in place of the brooder stove described below on this page, an insulated safety brooder stove, which does away with the water jacket or reservoir. This new stove combines a heater proper with a chimneyless burner, an insulating plate that serves also as a stove slide, and an upright plate of galvanized iron that forms the door to the brooder through which the stove is operated. (See illustration.) The wick rod extends to the outside of the door; hence the height of the flame can be adjusted without withdrawing the stove and exposing the flame to wind and rain. By use of the small, round, metal-incased mirror, just outside of and opposite the small mica window, the height of the flame can be observed by the operator when standing in an upright position, thus making it unnecessary to get down on one's knees.



The insulating plate of heavy galvanized iron is so placed between the burner and the oil bowl that all heat of the flame is deflected away from the oil reservoir, so that the oil remains cool at all times. The oil bowl is made of heavy galvanized iron, and has a seamless bottom, hence will not leak. It is a simple matter to make this improved insulated brooder stove fit Style A brooders made and sold by this company previous to 1905-1906. We furnish with each stove a slip of directions which explains how to alter the brooder by the addition of two wooden strips so that this new brooder stove can be used by customers in old-style brooders who prefer it to the Cyphers safety Brooder Stove. Price of Cyphers Insulated Brooder Stoves, each \$1.50.

**ERIE SHIPPING COOP.** The side and end of this coop is made from double-faced corrugated paper, smooth inside and out, with wide top and bottom; it is shipped knocked down, and only requires the driving of a few tacks to make it ready. The sizes and prices of coops are as follows:

A.....	Width, in.	12.....	Length, in.	16.....	Height, in.	18.....	Price	\$0 25
B.....	"	12.....	"	18.....	"	22.....	"	30
C.....	"	12.....	"	22.....	"	22.....	"	35
D.....	"	22.....	"	22.....	"	22.....	"	40
E.....	"	20.....	"	24.....	"	22.....	"	45



RACINE SHIPPING COOP.

**RACINE SHIPPING COOPS.** Very light, strong and durable, and are made from well-seasoned lumber.

No. 2 ...	Length	12.....	Width	18.....	Height	18.....	Price	\$0 50
No. 4 ...	"	12.....	"	21.....	"	21.....	"	65
No. 6 ...	"	24.....	"	21.....	"	21.....	"	75

We are state agents for the Empire Exhibition Coops. Write for prices.

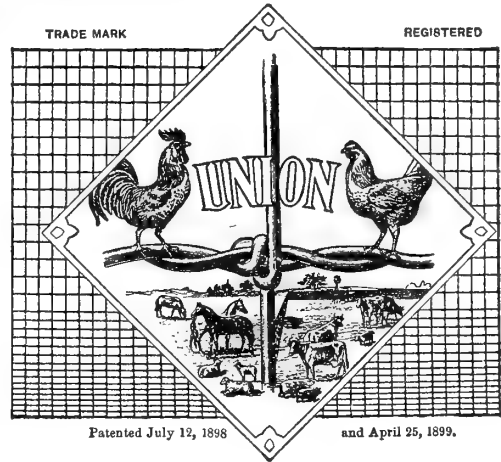
**NEST EGGS**

**PORCELAIN.** These eggs are made of first-class flint glass. They do not break easily and will last a lifetime. Each 5 cts., doz. 40 cts.

**MEDICATED.** By the use of these nest eggs hens' nests are freed from lice, mites and all other similar vermin. Each 5 cts., doz. 50 cts.

**OVINAPHTHOL NEST EGGS.**

Price 10c. each, ½ doz., 45c., doz. 75c.



**UNION LOCK POULTRY FENCING**

The horizontal lines of this fence are all composed of two No. 20 galvanized steel wires twisted together. Requires no top or bottom rail and no more posts than the ordinary woven-wire stock fence, or about one-half the number needed for ordinary poultry netting.

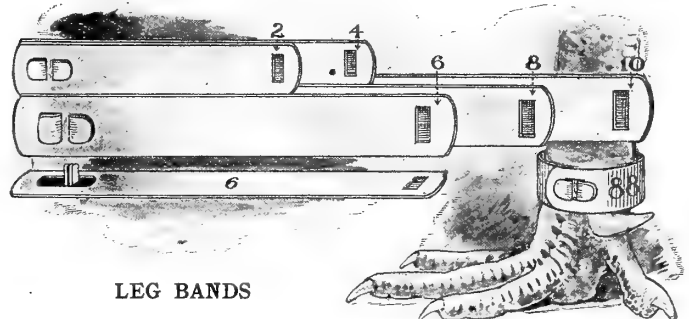
Height inches	Weight per bale	Mfrs Price per bale	Our Price per bale
18.....	15 lbs.	\$3 30	\$1 65
18.....	21 lbs.	4 30	2 15
24.....	28 lbs.	5 60	2 80
36.....	35 lbs.	6 90	3 45
48.....	42 lbs.	8 30	4 15
60.....	48 lbs.	9 60	4 80
72.....	54 lbs.	10 80	5 40

Each bale is 10 rods (165 feet) long. 5 per cent discount on 5 bale lots.

**SAVE-AL GUARANTEED EGG PRESERVATIVE**

Will Keep Eggs in Good Condition from Six to Ten Months

Save-Al Guaranteed Egg Preservative is a tasteless, colorless, odorless, non-poisonous fluid that, when dissolved in boiling water, makes an unequalled solution for preserving eggs. It is easy to use and absolutely sure. One gallon makes sufficient solution to keep 65 dozen eggs in first-class condition for 10 months. Eggs preserved in Save-Al are superior in every way to the ordinary preserved, cold storage or limed eggs. The solution has been thoroughly and carefully tested, and critical observers have found it difficult to detect the difference between a fresh-laid egg purchased in the open market and eggs which have been put down in Save-Al from six to ten months. Price of Save-Al Guaranteed Egg Preservative, 1-gallon jugs, each \$1.



**LEG BANDS**

**IDEAL ALUMINUM LEG BANDS** give perfect satisfaction. They are neat, light, strong and durable, easily and quickly put on, and guaranteed to stay on. This band has a double clinch, making it more secure than the single clinch style. The lock is also very firm, with no room for friction, consequently will not wear and break off where connections are made. When ordering state the size band you wish. No. 2 for pigeons; No. 4 for bantams, except Cochon bantams; No. 6 for hamburgs, Polish, Cochon bantams and for all birds in the Mediterranean class, except Minorcas; No. 8 for Minorcas, Cornish Indians and ducks, and all birds in the American class; No. 10 for birds in the Asiatic class, also turkeys and geese. Prices, by mail, postpaid, doz. 15 cts., 25 for 30 cts., 50 for 50 cts., 100 for 75 cts.

**CLIMAX LEG BANDS.** These are denominated as the "stay-on-kind." They are the most popular bands made. They are easily put on—even a little girl couldn't miss the trick. The rings are made of spring brass wire and the tags are aluminum. Not more than three letters or figures can be stamped on each tag. Unless otherwise ordered, we number from 1-12, 1-25, 1-50, and 1-100. They are made in pigeon sizes

#### Sizes and Uses

No. 1— $\frac{1}{2}$ -inch. Bantams and small Mediterraneans.  
No. 2— $\frac{3}{8}$ -inch. Mediterranean Females.  
No. 3— $\frac{1}{2}$ -inch. Mediterranean Males, American Females.  
No. 4— $\frac{3}{4}$ -inch. Large American Females, Small American Males, Small Asiatic Females.

No. 5—1-inch. American Males, Asiatic Females, Small Asiatic Males, Turkeys.

No. 6—1 $\frac{1}{2}$ -inch. Asiatic Males and Tom Turkeys.

Postpaid prices: 1 doz. 25 cts., 25 for 35 cts., 50 for 60 cts., 100 for \$1.

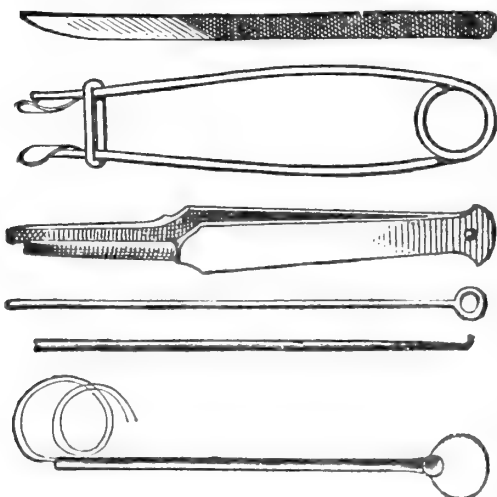
**THE SMITH DOUBLE CLINCH BAND.** This is the kind of Leg Band that the turkey, (cute and strong as he is), cannot remove. But he'll TRY HARD to do it, and don't lose sight of that fact. Turkeys are great wanderers. They don't care where they roost. They will roost with your neighbors turkeys if the notion takes them, and it is very apt to. In that event a difference of opinion or judgment is apt to arise between you and your neighbor. He is wrong, of course. He's always wrong about such matters, and he should know better; but he doesn't. If the Double Clinch Bands are on his flock, or on yours, the matter is easy. If both flocks wear bands, and initials as well as numbers are used by one or both parties, the problem is an easy one.

No tools are required to put on these bands. They fasten with two clinches. There are no exposed corners, ends or loops. Send two-cent stamp and get a sample and be convinced that they are the best open band on the market. They are numbered to suit purchasers. In ordering always mention size wanted. Initials on either style of flat Band. 5c per 50 bands or under; 10c extra per 100 bands. Price prepaid by mail or express, 15c per 12; 30c per 25; 50c per 50; 75c per 100. Special numbered bands must be ordered in advance of time needed.

**SMITH'S SEALED LEG BANDS.** Were designed to make positive identification of scored birds possible and to prevent fraud in changing bands from good birds to inferior ones. This practice is altogether too common and does great harm to the poultry fraternity. Smith's Sealed Bands never come off when once sealed on the birds and cannot be removed without destroying the band. No duplicates are ever issued, hence the value of the score card is destroyed the moment the band is removed from the bird. They are made from flat aluminum wire with oval edges and there are no sharp edges or corners to chafe the fowl's legs. When sealed on, and the Band number and description entered on score card, any one that can read can pick out the bird from this record. When a bird wins a prize, or is scored, and offered for sale under score or award card, the only way buyers can be sure they get what the card calls for, is to insist on having them banded with a Smith Sealed Leg Band, when scored. Postpaid prices: 12 for 30c; 25 for 50c; 60 for \$1; 100 for \$1.50. Sealing tools for sealing these bands are 50 cts. each.

**IMPROVED CHAMPION LEG BANDS.** This is a well-known leg band. It is one of the oldest bands on the market and has met with an immense sale during several years past. It is well and durably made, from one thin strip of aluminum, and is used by hundreds of successful breeders and exhibitors. They are adjustable to fit any fowl and, being held by a double lock, it is impossible for them to come off. Prices, by mail, postpaid, doz. 15 cts., 25 for 30 cts., 50 for 50 cts., 100 for 80 cts.

**THE GREINER CAPONIZING SET.** Poultrymen, farmers included, can



operation, so that the beginner can easily master the operation with a little practice. This set consists of every instrument necessary. Postpaid in strong wooden case, \$3.

#### NEHER'S PATENT WING-HOBBLE

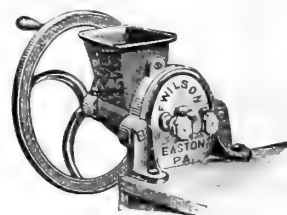
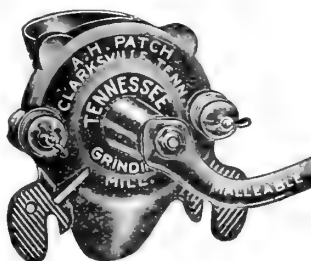


Numerous attempts have been made to devise some scheme which would prevent flying, but failure upon failure has marked the line of progress. About two years ago our Mr. Neher conceived the idea, and after repeated experiments succeeded in perfecting a device which for all intents and purposes filled the bill to the letter; but since that time several valuable improvements have been added, now making the device complete and perfect. The Wing-Hobbler is made of soft cotton webbing, which by a very unique system, is attached to one wing of any bird, and positively prevents flying. By the use of the Wing-Hobbler you can save at least 50 per cent in the yarding of your fowls, or give them four times the ground space at the same cost, a feature worth thinking about. It has been the problem of every fancier and breeder of poultry to keep his chickens in their yards without clipping their wings or building fences 7 or 8 feet high, or covering them. The Wing-Hobbler eliminates all this anxiety and expense, and gives you positive assurance that your birds will stay where you put them. They can fly no higher than they can jump. The adjustable feature about our latest wing-hobbler makes it possible to adjust it to any size wing, thus giving a perfect fit without cramping the wing. Clipping the wings has a tendency to make the new feather come gray or white in parti-colored fowls; this ruins them for show purposes, and discounts them heavily when offered for breeders. Made in 3 sizes, for Bantam, Mediterranean and American breeds. Directions for use with each order. \$1 per doz., postpaid.



**HIGH-GRADE TESTED THERMOMETERS.** The best incubator or brooder manufactured is worthless unless the thermometer used therein is accurate. Hundreds of hatches fail in incubators because of inferior thermometers, and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

Cyphers Incubator Thermometers, each, postpaid.....\$0 60  
Cyphers Brooder Thermometers, each, postpaid.....50  
Cyphers Reclining Thermometers, each, postpaid.....75



#### GRINDING MILLS

**TENNESSEE GRINDING MILL.** For grain only. A cheap and handy grinding mill. Just the machine for farm and family use. Weight, complete, 12 pounds, \$2.

**DRY BONE AND SHELL MILL.** It is the best thing for grinding dry bone, oyster or clam shells, coarse grains like corn, charcoal, etc. It is a well-made mill, and thousands of them are in successful use. Diameter of hand wheel 20 inches, weight 33 lbs. \$5.

#### POULTRY MARKERS

**PERFECT POULTRY MARKER.** It makes a good, clear, clean cut, and does not mutilate the web, as do many cheap punches. 50 cts., postpaid.

#### THE PHILADELPHIA POULTRY MARKER.

Made in two sizes—one for chicks and one for adult fowls. 25 cts., postpaid.



#### THE RELIABLE POULTRY PUNCH.

For marking the web between the toes. The very best and handiest marker. By mail 35 cts.



#### CRESCENT POULTRY FOOD.

Keeps poultry free from disease. Prevents and cures cholera. Valuable for young chickens. The best egg producer known. Keeps poultry thrifty and makes thrifty poultry pay. Its cost slight—its returns big. Satisfaction positively guaranteed. Buckets 25 cts., 50 cts. and \$3 each.

## THE LATEST AND BEST BOOKS ON POULTRY KEEPING

The following quite complete list of books will be found of special value to all persons interested in profitable poultry keeping and kindred subjects. These books are the best and most popular published to date on the various topics. They are standard on their respective departments. Any book in the list will be sent postpaid on receipt of the price.

### THE CYPHERS SERIES ON PRACTICAL POULTRY KEEPING

**BOOK NO. 1. PROFITABLE POULTRY KEEPING IN ALL BRANCHES.** A practical book giving a general view of the entire poultry industry.

**BOOK NO. 2. PROFITABLE CARE AND MANAGEMENT OF POULTRY.** A thoroughly practical, up-to-date book on the care and management of fowls.

**BOOK NO. 3. PROFITABLE POULTRY HOUSES AND APPLIANCES.** Devoted to descriptions, plans and specifications of poultry houses and appliances.

**BOOK NO. 4. PROFITABLE EGG FARMING.** Tells how to make a success of this branch of the poultry business.

**BOOK NO. 5. PROFITABLE MARKET POULTRY.** Tells all about growing, killing and dressing selling market poultry, including ordinary farm poultry (chickens, turkeys, ducks and geese) also expertly producing squab-broilers, roasters and capons.

Each book contains 128 pages, bound in a durable, attractive cover. Price, postpaid, to any address, 50 cts. each. The full set, \$2, postpaid.

**THE NEW AMERICAN STANDARD OF PERFECTION.** A guide to producing standard-bred or exhibition fowls. It contains names of every breed and variety of chickens, turkeys, ducks and geese, and a minute description of each variety, male and female. \$1.50.

**EASY POULTRY KEEPING FOR INVALIDS.** By Myra V. Norys. An attractive novelty in poultry literature. Illustrated, 25 cts.

**WINTER EGGS: HOW TO GET THEM.** J. H. Robinson. Discusses the Selection and Care of the Laying Stock, Getting Ready for Winter, Beginning with Pullets, Old Hens as Layers, How Many Hens in a Flock, Feeding Fowls, About Exercise, How Much to Feed, etc., and describes the methods of many prominent poultrymen. 25 cts.

**POCKET-MONEY POULTRY.** By Myra V. Norys. Written primarily for women who wish to supply themselves with pocket money by keeping a few fowls. 50 cts.

**SUCCESS WITH POULTRY.** By Grant M. Curtis. The book treats quite exhaustively of all branches of poultry keeping for profit, including the production of standard-bred or exhibition fowls, egg farming, broilers roasters, capons, ducks, geese, turkeys. \$1.

**BARRED WHITE AND BUFF PLYMOUTH ROCKS.** In this book there is presented more reliable, interesting and valuable information on the breeding of Barred Plymouth Rocks than in all other books published heretofore combined. Handsomely illustrated with colored plates. 50 cts.

## AGRICULTURAL BOOKS

**THE NEW ONION CULTURE.** By T. Greiner. A complete guide for every step in onion culture by all methods, and when and how to harvest and cure the crop. Illustrated. Over 100 pages. Cloth. 50 cts.

**ALFALFA.** By F. D. Coburn. Its growth, uses and feeding value. Ill. 164 pages. Cloth. 50 cts.

**ONIONS, HOW TO RAISE THEM PROFITABLY.** By 17 practical onion growers, residing in different parts of the country. Paper. 20 cts.

**TRUCK FARMING IN THE SOUTH.** By A. Oemler. This work gives the successful experience of a grower of vegetables for northern markets. Illustrated. Cloth. \$1.

**GARDENING FOR PLEASURE.** By Peter Henderson. Finely illustrated. 404 pages. \$1.50.

**GARDENING FOR PROFIT.** By Peter Henderson. Standard work on market and family gardening. Illustrated. 191 pages. Cloth. \$1.50.

**THE STUDY OF BREEDS.** By Thomas Shaw. The accepted text-book in colleges, and the authority among farmers and breeders. Illustrated. 371 pages. Cloth. \$1.50.

**AMERICAN CATTLE DOCTOR.** By Geo. H. Dadd, V. S. Contains the best information in regard to the health of cattle, sheep and swine, curing their diseases. 359 pages. Cloth. \$1.

**DISEASES OF SWINE.** By D. McIntosh, V. S. The best and highest authority of its kind. Illustrated. 230 pages. Cloth. \$2.

**DADD'S MODERN HORSE DOCTOR.** By Geo. H. Dadd, M. D., V. S. Treats of the diseases of horses and lameness. The best authority. Illustrated. 432 pages. Cloth. \$1.

**HOW TO HANDLE AND EDUCATE VICIOUS HORSES.** By Oscar R. Gleason. Illustrated. 205 pages, 5x7. Cloth. 50 cts.

**BARN PLANS AND OUTBUILDINGS.** Contains 257 Illustrations, full of ideas, suggestions, etc., in regard to every kind of farm building. 235 pages. Cloth. \$1.

**IRRIGATION FARMING.** A handbook for the practical application of water in the production of crops. By Lucius M. Wilcox. New edition, revised, enlarged and rewritten. 500 pages. Cloth. \$2.

**LESSONS IN COMMERCIAL FRUIT-GROWING.** By E. S. Goff. It gives just the kind of information so much sought for by the student and beginner in fruit culture. Illustrated. 221 pages. Cloth. \$1.

**THE PRACTICAL FRUIT-GROWER.** By S. T. Maynard. Fruits, and all about them, are described in this well-arranged book. Illustrated. 123 pages. Cloth. 50 cts.

**TEXAS FARM AND RANCH.** The best agricultural paper published in the South. \$1 per year.

**RELIABLE POULTRY REMEDIES.** Full of tried remedies for roup, colds, cholera, canker, indigestion, constipation, dysentery, congestion of liver, gapes, chicken-pox, black rot, crop-bound, scaly legs, bumble-foot and many other common diseases of fowls. 25 cts.

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# Farm and Garden Supplies

## INSECTICIDES, FUNGICIDES, ETC.

**SLUG SHOT.** Non-poisonous; no danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it, unless in large quantities. 5 lbs. 35 cts., 10 lbs. 65 cts.; by mail, postpaid, lb. 30 cts., 3 1/2 lbs. \$1.



THE COMPLETE GARDEN BELLOWS FOR SLUG SHOT OR OTHER POWDERS. Medium size, \$1.25; large size, \$1.50.

DUSTERS FOR SLUG SHOT OR OTHER POWDERS. 1/2-gal. size 35 cts.; gal. 50 cts.

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See Poultry Supplies Pages.

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**RAFFIA.** Imported, best grade. Gives better satisfaction than anything else for tying plants, asparagus, bunches, etc. Light, neat, strong, durable and very cheap. Lb. 25 cts., 10 lbs. \$2.

**WHITE COTTON TWINE.** For tying herbs, radishes, beets, celery, onions, salsify, etc. Lb. 20 cts., 4 lbs. 75 cts.

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For Twine, Jute and Raffia sent by mail, add 15 cts. per pound postage. Prices on twine subject to market changes.

## MASTERS' RAPID PLANT-SETTER

The only hand mechanical plant-setter on the market; is built on scientific principles throughout. Its conical jaws are made of heavy sheet steel and the main body, or water reservoir and plant tube, of heavy tinned plate. The water valve is of brass, with rubber packing. All kinds of plants, such as cabbage, tobacco, tomatoes, cauliflower, strawberries, sweet potatoes, sugar beets, etc., are set in water and covered at one operation. Any man with very little practice can easily set out 7,000 to 10,000 plants each day. Will save its cost a dozen times over in a season—is light and pleasant to work with. Weight when empty, 4 1/4 lbs. \$3.75.

Bowie, Texas, April 19, 1905.

I received the Masters' Plant-Setter and find that it does the work to perfection.

Yours Truly,

S. D. THOMPSON.



## BIRD SEED

**SUNFLOWER.** Lb. 20 cts., postpaid.  
**SUNFLOWER and HEMP MIXED.** For parrots. Lb. 20 cts., postpaid.  
**HEMP.** Lb. 20 cts., postpaid.  
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**RAPE.** Lb. 20 cts., postpaid.  
**MIXED HEMP, RAPE and CANARY.** Lb. 20 cts., postpaid.  
**MOCKING-BIRD FOOD.** Bottle 50 cts., postpaid.  
 If wanted sent by express, deduct 10 cts. per lb.

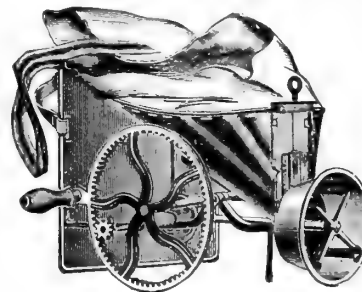
## FRUIT PACKAGES

We carry the largest assortment in Texas. If wanted in large lots, write for special prices.

	Per 100
1/4-bushel boxes	\$3 25
1/2-bushel boxes	3 50
3/4-bushel boxes	5 75
1-bushel boxes	8 50
Leslie quart berry boxes	per 1,000, \$3 00
24-quart crate	8 00
Climax grape baskets, 5 lbs.	3 00
Climax grape baskets, 8 lbs.	3 50
1/2-bushel Climax melon baskets	8 50
4-basket crate, complete	10 00
1/4-bushel diamond split baskets	per doz., 45 cts
1/2-bushel diamond split baskets	per doz., 45 cts
3/4-bushel diamond split baskets	per doz., 45 cts
Tacks for berry boxes	per lb., 40 cts
1/4-bushel drop handle picking baskets	each 25 cts.; doz. \$2.50

## BROADCAST HAND SEED-SOWERS

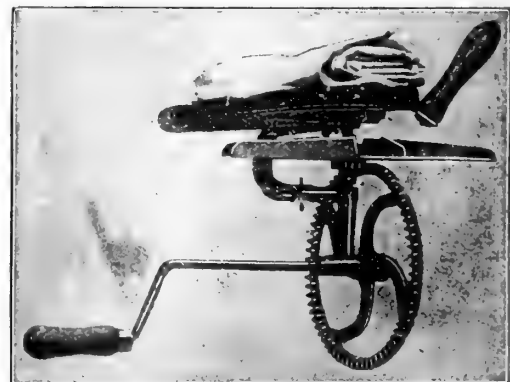
For Sowing Alfalfa, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, Etc. A Model for Accuracy and Durability.



### CAHOON'S PATENT BROADCAST SEED-SOWER.

Sows from 4 to 8 acres per hour at an ordinary walking gait, throwing wheat about 40 feet wide. A saving of four-fifths of the labor and one-third of the seed is effected by the use of this machine, and a person entirely unused to sowing by hand can use it with perfect success. Full directions for use with every machine. \$3.50.

**THE PREMIER BROADCAST SEED-SOWER.** The strongest, neatest and most compact hand seed-sower made. The frame of the machine, which carries all the bearing parts, is made of one piece of metal, thus assuring perfect and permanent alignment. This feature, which is possessed by no other machine, makes the Premier the easiest running machine on the market, and prevents it from getting out of order. The seed is fed to the fan wheel through an adjustable slide in which a manner as to insure an even



PREMIER SEEDER.

distribution. The slide can be closed instantly; it moves freely and is so constructed that it can never bind. The grain bag is supported by a strap thrown across the shoulders and is made of canvas, securely fastened to the base of the machine. Sows any seed that is sown broadcast, such as oats, wheat, rye, rice, flax, millet, clover, timothy, grass seed, etc. Under ordinary conditions, will sow at a round, about as follows: Wheat, 50 feet; rye, 50 feet; clover, flax or millet, 40 feet; grass seed, 24 to 36 feet. \$1.25.





WHEELBARROW SEEDER

**UNIVERSAL WHEELBARROW SEEDER.** This is a new seeder built and made expressly to meet the requirements of the Southwest, and, as this class of hand Seeder is meeting the wants of Texas and adjoining states, we feel safe in supplying all our customers who have grass seeds to sow broadcast with these new Seeders. They are made with a steel wheel and light frame, the motion coming from a very new and novel cam arrangement, engaging the spokes close to the hub, taking no power to speak of to drive the feed. There are two styles of these Seeders, one (No. 1) with a single seed hopper, sowing from one side only such seeds as alfalfa, clover and timothy. The other style has a double seed hopper, sowing seeds like alfalfa, clover and timothy and also chaffy seeds same as red top, orchard grass and clean blue grass. If only the finer seeds are to be sown, take Seeder No. 1. If you want to sow both kinds, take Seeder No. 2. The wheelbarrow part of these Seeders is alike on them all. It is only a matter of ordering the single hopper Seeder or the double hopper Seeder, as is suited to the seeds to be sown.

No. 1 Seeder, Single Hopper, 14 ft. long.....\$10 00  
No. 1 Seeder, Single Hopper, 16 ft. long..... 11 00  
No. 2 Seeder, Double Hopper, 14 ft. long..... 12 00

**THE RED CHIEF CORN AND POP-CORN SHELLER (Patented)** Guaranteed to do as good if not better work than any Sheller on the market Shells both corn and pop-corn perfectly. Pop-corn attachment easily and quickly applied by removing wheel and axle from hub, putting attachment inside of frame over hub, after which wheel and axle are replaced. Change made in less than one minute. Small extra charge for attachment. Smooth oval teeth that will not crack grains. Safe to use for seed corn. Cold rolled steel axle with  $4\frac{1}{2}$  inch bearing on hub gives machine easy and steady motion. Repairs free of charge. Clamps on barrel as easily as on a box. Adjusts itself to any sized ear. Closed hopper, so operator cannot pinch hand. Handle screws on. No wrench needed. Tension directly on cob, not on hopper, which makes Sheller run very easy, no force being required to expand a hopper. Bolts securely together for shipping without use of wire or twine. Weight  $11\frac{1}{2}$  pounds; Pop-Corn Attachment,  $1\frac{1}{4}$  pounds. Price \$2 25; with Pop-Corn Sheller Attachment, \$2.50.



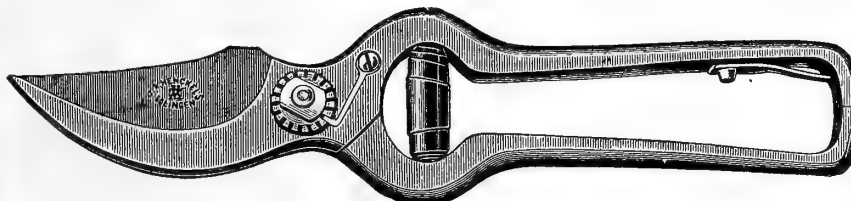
### HUMPHREY'S CONCAVE POTATO KNIFE

The most useful and practical potato cutter. Each, 30c, 3 for 75 cts., postpaid.

### FLOWER POTS

These are packed in barrels and delivered to the express or freight office and receipted for; they are then at purchaser's risk.

	Doz.
4-inch.....	\$0 35
5-inch.....	50
6-inch.....	75
7-inch.....	1 00
8-inch.....	each, 15 cts. 1 25
10-inch.....	each, 25 cts. 2 50
12-inch.....	each, 50 cts. 5 00



PRUNING SHEARS

### SAUCERS FOR FLOWER POTS.

	Doz.
5-inch.....	\$0 30
6-inch.....	45
7-inch.....	50
8-inch.....	65
10-inch.....	85

JARDINIERES. From 25 cts. to \$3.50.

### FERN PANS

They are not so deep as the regular flower pots, and are used a great deal for growing Boston and other ferns in; also asparagus plants, etc.

	Each
7-inch.....	\$0 10
8-inch.....	15
9-inch.....	25
10-inch.....	35



GARDEN TROWELS

### PRUNING KNIVES

	Each
Pruning Knives.....	\$0 85

#### Budding Knives.

Wood handle.....	75
Ebony handle, bone end.....	85
Bone handle, best steel.....	1 00

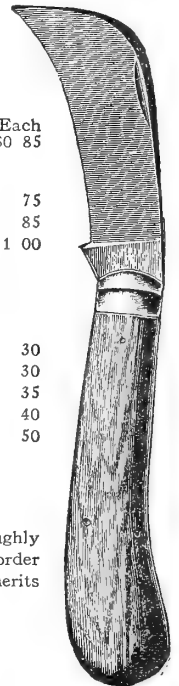
### GARDEN TROWELS

6-inch Cast Steel.....	30
6-inch Heavy Cast Steel.....	30
5-inch Forged Steel.....	35
6-inch Forged Steel.....	40
7-inch Forged Steel.....	50

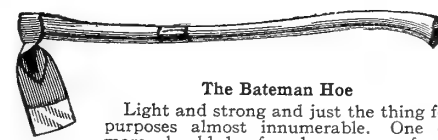
### GRASS HOOK.

Forged from tool steel, thoroughly tempered and sharp. A trial order will be convincing as to their merits and good qualities.

Price 50 cts. each.



PRUNING KNIFE WITH WOOD HANDLE

Garden Dibble  
Price 30 cts.

### The Bateman Hoe

Light and strong and just the thing for purposes almost innumerable. One or more should be found on every farm. Beveled edges. Oil tempered. Price.....\$1.00

### Tomato Transplanting Hoe

A very convenient hoe for transplanting tomatoes, or other large plants. Price, 50 cts.



### Transplanting Trowel (Solid Steel)

Largely used by truckers in transplanting sweet potatoes, cabbage, etc. Price,..... 40 cts.

Dandelion Puller. Price 35 cts.



### SHEARS

**GERMAN PRUNING SHEARS.** The best made. Very strong, best steel blades and excellent springs. 8-inch, \$1 25; 9-inch, \$1 35; 10 inch, \$1 50. We can also furnish cheaper japanned handled shears at the following prices. 8-inch, 75 cts.; 9-inch, \$1.

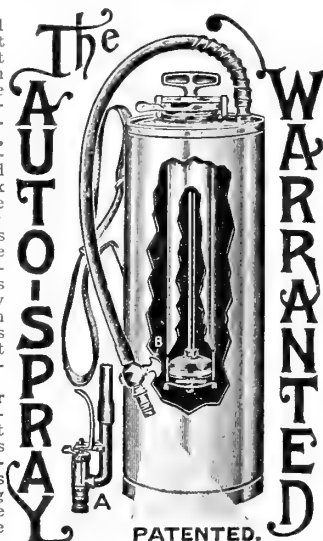
**HEDGE SHEARS.** Per pair, \$1.75 to \$2.

## "AUTO-SPRAY" No. 1.

A Practical Machine for Spraying Potatoes, Tobacco, Small Fruits, Vineyards, Greenhouses, Poultry Houses, Etc. Also Excellent for Use with Whitewash, Disinfectants, Etc.

The four-gallon "Auto-Spray" No. 1 is the strongest, most useful and most generally used of all spray pumps. It will do all that any spray pump can do, and in most cases it will do the work quicker and better. It has superseded the bucket and knapsack sprayers, which require constant pumping, and is positively and absolutely guaranteed against all defects. Tested before leaving the factory. No work to operate the "Auto-Spray." The user simply holds the nozzle after compressing the air with a few strokes of plunger. Nearly 200,000 of these sprayers are now being used with extreme satisfaction. The machine is well balanced and built mechanically perfect for holding air pressure. In fact, no expense of manufacture has been spared to make this the strongest and best spray pump before the public.

The "Auto-Spray" is made in four styles, as priced below. We recommend the brass tank as costing but little more than galvanized, and it is practically indestructible. When desired, we furnish brass extension pipes in two-foot lengths for spraying trees. The usual equipment for tree work is three lengths and the price is given below. With every "Auto-Spray" is supplied, free of charge, the most complete and up-to-date spray calendar ever issued.



PATENTED.

Height, 2 feet; diam., 7 inches; capacity, 4 gallons; weight, empty, 8 lbs., loaded, 39 lbs., shipping, 12 lbs.

The "Auto-Pop" doubles the efficiency of any compressed air sprayer, because the operator absolutely controls the spray by working a lever which opens and closes the nozzle, and at the same time cleans it. No other valve can be operated to clean the nozzle automatically, because ours is protected by patents. Moreover, the "Auto-Pop" may be used all day long without fatigue.

By the action of the "Auto-Pop" a degorger stem is passed through the nozzle every time the "Auto-Pop" is closed, hence the nozzle is automatically cleaned every time it is opened. It is the only nozzle arrangement for which it may be positively claimed that it cannot clog. On illustration the "Auto-Pop" is marked "A," and the ordinary stop cock "B," and the machine may be ordered with either attachment, as preferred and priced as below.

"Auto-Spray," No. 1. Brass tank with stop cock	\$6 50
"Auto-Spray," No. 1. Brass tank with "Auto-Pop" (recommended)	7 50
"Auto-Spray," No. 1. Galvanized tank, with stop-cock	5 00
"Auto-Spray," No. 1. Galvanized tank, with "Auto-Pop"	6 00
Extension pipe, brass, 2-foot length (for use on trees)	35
Elbow extension, brass (for underside of low-growing plants)	35
"Auto-Pop," supplied separately	1 25
Copper Strainer	1 25

## "AUTO-SPRAY" No. 3

Whitewashing and general purpose Sprayer Wonderful Power and Capacity.

Tank extra heavy galvanized steel; holds eight gallons, and has reinforced cover. Pump all brass but handle fittings. Cylinders extra heavy, 1 1/2 inches in diameter, brass ball valves and 3-ply hose. Suitable for spraying insecticides and fungicides on trees, shrubs and vines, as well as the application of whitewash and cold water paints, and will do the work of five men with brushes. "Auto-Spray" No. 3B, including tank, 8 feet 3-ply hose, 8-foot iron extension and Vermorel nozzle, \$12.

## THE "LOWELL" FOUNTAIN COMPRESSED AIR SPRAYER

Acknowledged King of Sprayers for the Farmer, Fruit Grower, Stockman, Florist and user of general Liquid Disinfectants and Poisons.

Made of Galvanized Steel. Pump, Automatic Valve and Valve Fittings, Filler Plug and Collar of Brass.

Each machine is tested to 60 pounds pressure and made to withstand three times the test.

One pumping will expel the entire contents of tank and is sufficient to spray 2000 plants.

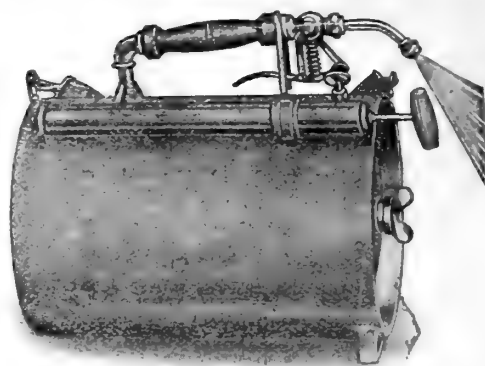
Spraying nozzle may be reversed to spray under side of bushes and plants.

The Automatic Thumb Lever Valve shuts off instantly and is at all times under complete control of operator, hence none of the solution is wasted, thereby saving its cost in making a given amount of compound do so much more work.

An adjustable shoulder strap and tree attachment with suitable couplings for tree spraying is furnished with each machine.

The vine attachment consisting of a brass tube curved at proper angle, with fittings for spraying under the leaves of low plants and running vines will be furnished at 50c extra.

Capacity 3 gallons. Aluminum finish. Write for descriptive circulars. Price \$6.00 each.



## THE "LOWELL" GRAND SPRAYER

Is beyond doubt the most popular machine of its class made. The perfection of its work together with its strength, durability and ease of operation has made it a universal favorite. It is so constructed that the pump valves are entirely free from moisture, being protected by an air chamber in the end of pump cylinder. The pump cylinder being of sufficient length to permit operator to maintain an erect position at all times and direct the spray at any desired angle—giving better results with less labor than can be obtained with any other hand machine. A general utility sprayer adapted to all liquid disinfecting and poison preparations as well

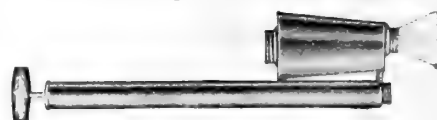


as for use on cattle, horses, sheep, swine and poultry. Made of heavy charcoal tin, with zinc caps and brass spraying tubes. Capacity 1 quart. Finely finished with aluminum finish. Price 50c each. Write for descriptive circulars.

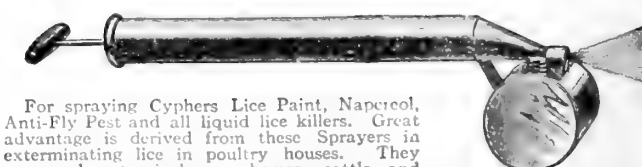
## THE "LOWELL" BLOW POWDER SPRAYER

Is made to meet the demand from those preferring Dry Powder to Liquid solutions and is so constructed with its double screen arrangement that it is absolutely impossible for the machine to clog. It is fitted with a ball valve which is positive in its action, preventing any powder being drawn back into the pump—thus insuring at all times a perfect working machine. Adapted to Paris Green, Bug Finish, Slug Shot, Lice Powder and all Dry Powder Disinfectants and poisons.

The Powder Can holds one quart and has a two-inch screw cap opening in back for filling. Finely finished with aluminum finish. Price 75c Each. Write for descriptive circulars.

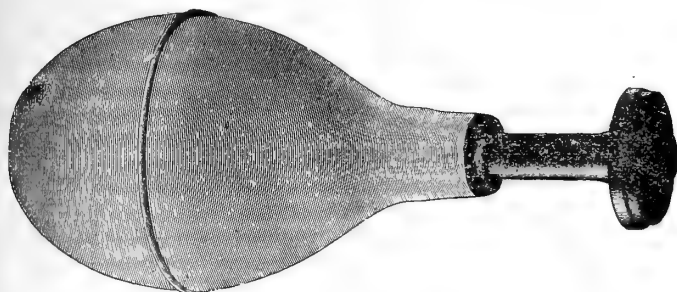


## THE FAULTLESS SPRAYER



For spraying Cyphers Lice Paint, Napreol, Anti-Fly Pest and all liquid lice killers. Great advantage is derived from these Sprayers in exterminating lice in poultry houses. They are used extensively on horses, cattle and swine, and for spraying clothes, carpets, cigar wrappers, etc.; in fact, where ever a sprayer is needed. They are light, strong, compact and well made. No. 1, all tin, 75 cts.; No. 3, brass can, tin tube, \$1.25.

## RUBBER SPRINKLERS



Indispensable for floral work. Excellent for washing the foliage of house plants, and used largely for sprinkling clothes. Small size, 60 cts. each, 70 cts. postpaid; medium size, 75 cts. each, 85 cts. postpaid; larger size, 85 cts. each, \$1 postpaid

MYERS' IMPROVED  
SPRAY PUMPS

Send for illustrated catalogue describing all these sprayers.

No. 305. Myers' Improved Barrel Spray Pump, Fig. 702, complete with 5 feet of 1/2-inch 3-ply discharge hose and Myers' graduating Vermorel nozzle. Special price \$7.50.

No. 324. Myers' Lever Bucket Spray Pump, with agitator, complete with hose and graduating Vermorel fine, coarse spray and solid stream nozzle. Special price \$4.50.

No. 325. Myers' Imperial Brass Spray Pump, with agitator, complete with hose and graduating Vermorel fine, coarse spray and solid stream nozzle, and malleable foot-rest. \$4.

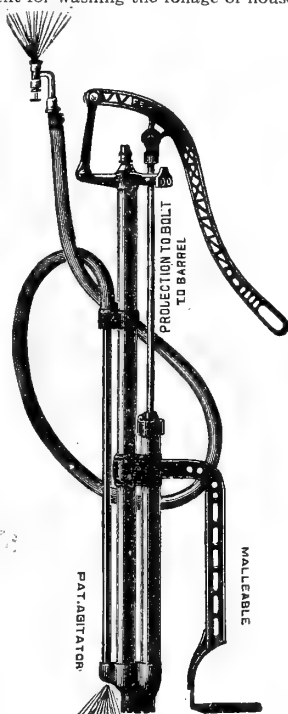
No. 331. Myers' Perfect Knapsack Spray Pump, complete with hose, stop cock, pipe extension, and Bordeaux or graduating Vermorel nozzle. \$12.50.

Pipe extension, 8 feet, \$0.60

Bordeaux nozzle, instead of Vermorel, furnished when specified.

Special Spray Pump list sent on request.

Always Use Pipe Extension—You Get Better Results.



No. 325

## NITRO-CULTURE

Grow Alfalfa Where it Never Grew Before by Means of Inoculation with Nitro-Culture, the Vest Pocket Fertilizer.

NITRO-CULTURE is a success with crops on list below.

ALFALFA plants obtain a large supply of nitrogen from the air when the plants are well started, but while young and until they get a fair growth it is necessary that the soil should be in fertile condition; otherwise, the plants will die out from lack of nourishment before bacteria have developed sufficient to collect nitrogen from the air and feed the young plants. Many farmers have made a mistake by planting Alfalfa in poor wornout ground. It would be better to plant inoculated cow-peas or field-peas first, plough them under, let the field stand for 30 days, then plant Alfalfa, and if the seed has been carefully inoculated with Nitro-Culture, it is almost sure to be successful.

Price-List. Trial pkg., 50 cts., 1-acre pkg., \$1 50, 5-acre pkg., \$5.00, 20-acre pkg., \$18.00, 50-acre pkg., \$40.00.

When ordering state what particular crop you desire to inoculate. Crops mentioned on the same line require the same Bacteria.

Alfalfa or Lucerne, Red, Yellow or Mammoth Clover, Crimson Clover, Burr Clover, Cow, Clay, Whip-O'-Will, Black Eye Peas, Garden Peas, Garden Beans, (Wax, String, Lima, Pea or Kidney), Soy Beans, Velvet Beans, Vetch Peanuts, Field Peas.

SPECIAL GARDEN PACKAGES. Sweet Peas, 25c., Garden Beans, 25c., Garden Peas, 25c.

NITRO-CULTURE cannot be furnished for any crops like corn, wheat, potatoes, cotton, etc., but only those which are mentioned on the above price-list.

## THE AQUARIUM

**GOLD FISH.** While there are now many varieties of Gold Fish, still, for convenience, we shall, in this list, refer to the older plain varieties by this name. These are, and always will be, more popular than the fancy new sorts, as they are more hardy and generally satisfactory. Those bred in Texas have a peculiar brilliancy of coloring. 35 cts. and 50 cts. each, according to size.

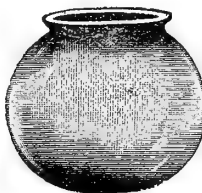
**JAPANESE FANTAIL FISH.** By far the most popular of all fancy fish and the most satisfactory of the imported varieties. The fins and tails are long and of delicate, lace-like substance. The tail is V-shaped and frequently divided, so that it might be called two distinct tails. They are beautifully variegated, usually with golden red and pearly white, or black. Nice specimens, 75 cts. each.

**AQUARIUM CASTLES.** A great variety of styles and sizes. 20c. 25c. 50c, 75c and 85c.

**PREPARED FISH FOOD.** The best food for all kinds of Gold Fish. It does not sour or spoil in the water. 10 cts. per box.

**SHIPPING BUCKETS.** Unless you order a fish globe with your fish, it will be necessary to ship them in a bucket or can. For this purpose we offer 2- or 3-qt. tin buckets suitable for holding 6 medium-sized fishes or less, at 10 cts. each; 4-qt. size, 15 cts.; 6-qt. size, which will hold 12 medium-sized fishes, 20 cts. Can for 25 fishes, 50 cts.

**STANDING FISH GLOBES.** These are raised on a glass base and are handsomer than the ordinary fish globes. Capacity about 1 1/2 gallons, \$1.50; capacity about two gal., \$1.75; capacity about 2 1/2 gal., \$2.50; capacity about 3 gal., \$3.

HANGING FISH  
GLOBES.

These are neat, cheap and consequently more popular than the large aquariums. Capacity about 1/2 gal., 50 cts.; capacity about 1 gal., \$1; capacity about 2

gal., \$1.25; capacity about 2 1/2 gals., \$1.50; capacity about 3 gal., \$1.75.



**AQUARIUMS.** We have a large assortment of them. Write for description and prices.

**PEBBLES** to put in aquariums. 10 cts. per box.

The above can be sent by express only.

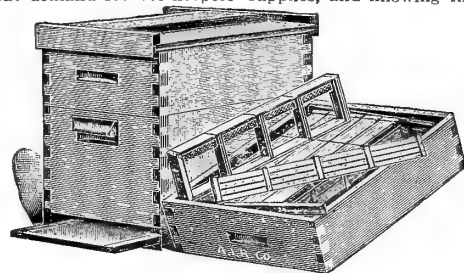
**FISH GRASS.** This is a beautiful feathery looking plant largely used in Aquariums to supply oxygen to the fish. 2 for 5c., 25c. per doz.

## GOLD FISH AND ITS SYSTEMATIC CULTURE.

This book gives all information about their care and management; beautifully illustrated, by Hugo Mulertt. Price \$2.00.

## BEE-KEEPERS' SUPPLIES

Owing to the great demand for bee-keepers' supplies, and knowing the difficulty that many of our customers have experienced in securing them, we added a complete line of bee-supplies to our stock. Any orders in this line you entrust to us shall have very careful attention; and we would ask that you consider the fact that we save you some time and freights.



The Dovetailed Hive for Comb Honey (AE64P-8).

**ROOT'S GOODS.** As usual, our motto is to furnish the best goods of the most approved pattern. We do not undertake to compete in price with all manufacturers. Bee-keepers have learned that it does not pay to buy cheap supplies for a saving of ten cents on the first cost of a hive may be a loss of many times that amount by getting poorly made and ill-fitting material. Every year brings us many proofs that our policy of the "best goods" is a correct one.

As we issue a full catalogue of these supplies we do not list them here, if interested, send for one of these catalogues and we are sure you will find what you need. All these goods are sold at factory price.

## FERTILIZERS

**PURE BONE FLOUR.** For top-dressing lawns, house-plants, etc. Lb. 10 cts., 5 lbs. 25 cts., 25 lbs. \$1, 50 lbs. \$2, 100 lbs. \$3.50. If sent by mail, add 10 cts. per lb.

**NITRATE OF SODA.** A fertilizer for all crops. Quick in action and hastens maturity of crops fully two weeks. Fine for lawns. By express or freight, lb. 10 cts., 10 lbs. 75 cts., 100 lbs. \$4.50.



**WALKER'S EXCELSIOR PLANT-FOOD.** Odorless and perfectly soluble food for house plants. A pound box is sufficient for 25 ordinary sized plants for one year. Lb. 25 cts., (by mail, 40 cts.), ½ lb. 15 cts. (by mail, 25 cts.)

**JAPANESE PALM FOOD.** Manufactured especially for palms and ferns. Directions for use on each package, price per package 25 cts.

**POTATO GROWER.** (3-10-6). Texas Bulletin 71 gives experiments on potatoes at Troupe sub-station, Smith county, showing that best results were obtained with a brand analyzing as above, and they recommend this formula for potatoes. 200-lb. bags \$4, ton \$35.

**RAW BONE MEAL.** Recommended for use on clay soils, sour or cold loams. Sweetens the soils. Good for grass, corn or cotton. 200-lb. sack \$4, ton \$35.

**PHOSPHATE AND POTASH.** (10-2). A fine combination of available phosphoric acid and potash for land deficient in these two elements, and for crops such as alfalfa, clover, cow-peas, peas, beans, etc. 200-lb sack \$2.75, ton \$22.50.

**TEXAS VEGETABLE GROWER.** (2½-9-3). The above brand is formulated for the average truck land of the Southwest, and, unless the land is poor, it contains a sufficient amount of ripened plant-food to give a quick start and mature the crop early. A trial will prove it. 200-lb. sack \$3.50, ton \$29.50.

**STAR PHOSPHATE.** (14%). A reliable and well made phosphate in first-class mechanical condition, containing phosphoric acid in desirable form 200-lb bag \$2.75, ton \$20.

**CORN AND COTTON GROWER.** (1-8-1). The yield of corn or cotton on all soils is largely increased by a fertilizer of the above analysis. The soil may appear to be rich, but the amount of quickly available plant-food is deficient, oftentimes caused by the reckless disregard of crop rotations. On such lands we recommend the above brand. 200-lb. sack \$2.75, ton \$22.50.

**KING COTTON.** (2-8-2). This brand is recognized in all cotton sections as standard. It is carefully prepared and has in it a sufficient amount of readily available plant-food to give the crop a quick start, and keeps it continually growing to early maturity. 200-lb. sack \$3, ton \$24.50.

## CRESCENT STOCK FOOD

A fine tonic and appetizer for all live stock. Removes worms, assists digestion, prevents colic, blind staggers and scours, and cures Texas Fever in cattle. An excellent kidney remedy. Increases the milk flow in cows, and improves the quality of the milk and butter. Keeps hogs healthy. Will prevent and cure cholera. Used by all first-class breeders and feeders in fattening and finishing their stock. Finest food balancer and conditioner ever made. Satisfaction positively guaranteed. 25c, 50c, \$1 and \$3 buckets

## CRESCENT DISINFECTANT

A superior disinfectant, deodorant and germ destroyer. Kills lice, mites, fleas, moths, ants, bedbugs, cockroaches, and all insect life. Removes all disagreeable and offensive odors, and places premises in sweet and healthy condition. Invaluable in the sick room where contagious or infectious diseases are prevailing, and in bath rooms, sinks, etc. Cures mange, scratches, itch, scab, etc. Keeps off flies, keeps animals free from infection of any disease. Invaluable for broken knees, quitters, grease, cracked heels, etc. One gallon makes fifty. Satisfaction positively guaranteed. 50c, \$1, \$1.50 packages.

## CRESCENT ANTISEPTIC

The wonderful healer for barb wire cuts, bruises, set-fasts, etc. Also cures old sores, swelling, halter burns, etc., injuries by rusty nails, and all flesh wounds. Is an absolute specific for pinkeye. For family use—Crescent Antiseptic is an instantaneous relief in case of burns from any cause; also cures poison oak, cuts, wounds, bites of snakes or dogs, and stings of poison-

**AFRICAN COTTON GROWER.** (3-9-3). High-Grade Cotton Fertilizer in perfect mechanical condition. 200-lb. sack \$3.50, ton \$30.

**ALL SOLUBLE.** (3½-8-4). A ready available, finely ground, complete fertilizer to be used on lands for truck that do not require as much nitrogen and potash as found in our Truck Special. A splendid cotton fertilizer, 200-lb. sack \$3.75, ton \$33.

**TRUCK SPECIAL.** (5-7-6). Licensed by special request of some large Southwest truckers. The formula is especially adapted to soil for growing truck. 200-lb. sack \$4.50, ton \$40.

## QUANTITY TO USE.

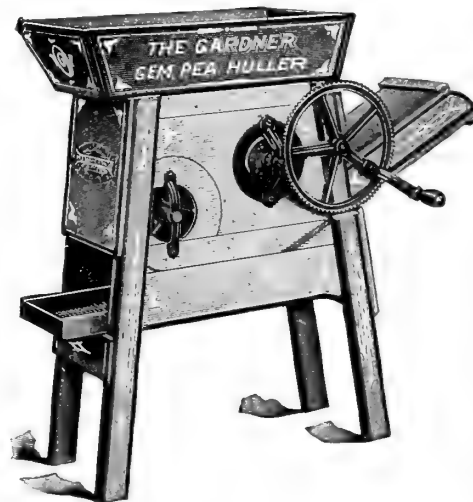
Cotton and Corn.....	150 to 300 lbs. per acre.
Potatoes and Berries.....	400 to 800 lbs. per acre.
Melons.....	300 to 500 lbs. per acre.
Wheat.....	200 to 400 lbs. per acre.
Grass.....	200 to 400 lbs. per acre.

Varying according to the fertility of the soil.

Write for prices in car load lots.

## GARDENER PEA HULLER No. 4

Capacity—10 to 15 bushels dry peas per hour. Wooden frame and box; malleable iron cylinder and concaves. Heavy fly wheel and two cranks. New method of cleaning. Our patent automatic revolving screen. Absolutely the lightest running Pea Huller made, in proportion to capacity. Cleans and threshes the peas thoroughly without breaking them, and delivers them at the side ready to be sacked. Shipping weight 250 lbs. Price F.O.B. Dallas, \$26.75. Can be furnished for operation by power at a slight extra cost



## GEM GARDENER PEA HULLER

Capacity—2 to 3 bushels dry peas per hour.

A small wooden machine of large capacity considering its size. Has wooden cylinder and steel teeth. All bearings of iron and all material good. Has hand screen operating on cleats in box. Finished and painted nicely. Is very light running and does good work. Shipping weight 100 pounds. Price F. O. B. Dallas, \$10.75.

ous insects. Guaranteed to cure sores, wounds or inflammation of any and all kinds, from any and all causes. The only non-poisonous, non-irritating antiseptic made in the world. Cures cholera, roup, sore head and limber neck in fowls. 25c and 50c bottles.

## PLANT TUBS

**COLUMBIA PLANT TUBS.** These tubs are made of selected Louisiana Cypress, free from sap. Each tub consists of twelve properly tapered staves bound by two strong steel wires running in small grooves. The wires are threaded at the ends and pass through the handles at each side, and are securely fastened by a hexagon nut. By simply turning this nut with any ordinary wrench, the staves can be tightened or loosened at will. We Guarantee our Columbia Tubs will never fall apart, no matter how dry or in what climate they are kept.



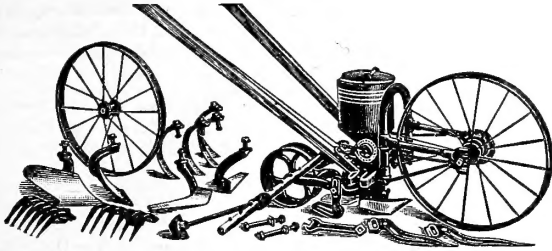
12 Inches in diameter by 11	Inches high	\$1.25 Each
15 " " " 14	" "	1.75 "
18 " " " 16½	" "	2.25 "
21 " " " 18½	" "	3.00 "



# IRON AGE FARM and GARDEN IMPLEMENTS

These tools are most satisfactory and are well known to be the BEST. A complete descriptive Iron Age Catalogue sent free on application

The Iron Age Wheel-Hoes and Seeders are strong, light and easy running and have the well-known high wheel (16 inches) which will not be blocked by the irregularities of the soil, as will a low one.

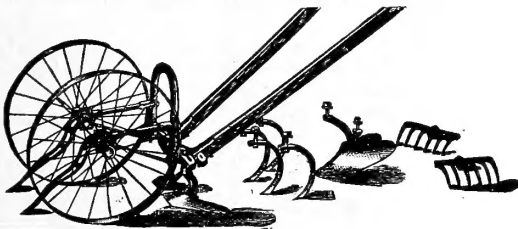


**No. 6 Iron Age Combined Double and Single Wheel-Hoe, Hill and Drill Seeder**

The most practical and complete combined garden implement offered. It places the seed in hills or drills. Plows, rakes, opens furrows, covers hills, hoes and cultivates. Complete, as in cut. . . . . \$11 00  
As a seeder only (Iron Age No. 7). . . . . 8 00  
As a Wheel-Hoe, see No. 1, below.

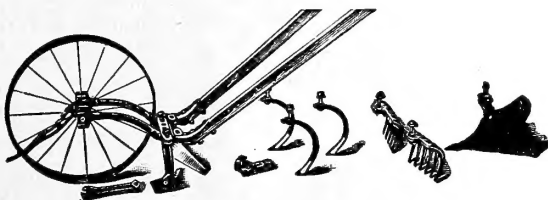
**No. 4 Iron Age Combined Double and Single Wheel-Hoe and Seed Drill**

Very similar to the No. 6, above, except the opening plow, and it does not drop the seed in hills, but only in continuous rows. Complete. . . . . \$10 00  
As a seeder only (Iron Age No. 5). . . . . 7 00



**No. 1 Iron Age Double and Single Wheel-Hoe**

Complete. . . . . \$6 50  
No. 3, plain (with side hoes only). . . . . 3 75  
No. 13, No. 1 with side hoes and teeth only . . . . . 5 00  
We sell large numbers of these to onion growers. No finer tool is made for cultivating onions.  
A Hill and Drill, or a Drill Seeder Attachment, price respectively, \$4.50 and \$3.50. (May be added any time, thus making a complete seeder.)



**No. 20 Iron Age Single Wheel-Hoe**

The No. 20 Iron Age Single Wheel-Hoe, like all the Iron Age Wheel-Hoes and Seeders, is made of pipe frame, coupled to maleable castings, thus rendering them the lightest possible, combined with great strength.

Complete. . . . . \$5 50  
No. 21 Iron Age (side hoes only). . . . . 3 50  
As with No. 1 Wheel-Hoe, a seeder attachment may be added at any time, thus making a combined Wheel-Hoe and Seeder.  
No. 15 Combined Single Wheel-Hoe Hill and Drill Seeder. . . . . \$10 00  
No. 17 Combined Single Wheel-Hoe and Drill Seeder. . . . . 9 00  
No. 16 Hill and Drill Seeder (No. 15 as a Seeder only). . . . . 7 50  
No. 18 Drill Seeder (No. 17 as a Seeder only). . . . . 6 50  
These are very low prices, but complete and satisfactory seeders.

**No. 19 Iron Age Wheel Plow and Cultivator**

The No. 19 is adapted to those sections desiring a special high wheel. This wheel is 30 inches high and made of steel. The frame is also made of steel, thus rendering the tool very light and strong. A plow, rake, scuffle hoe, a large and a small cultivator tooth are furnished. Price complete, \$3.

**No. 12 Iron Age Wheel Plow and Cultivator**

No. 12 is remarkable for its lightness, great strength, the amount of work it will accomplish and the low cost. Will do all the cultivation of a kitchen garden. It plows, furrows, covers, hoes, rakes and cultivates. Complete. . . . . \$3 25

No. 11 Iron Age (Plow only). . . . . 2 25

**No. 25 Iron Age Single Wheel Fertilizer Distributor**

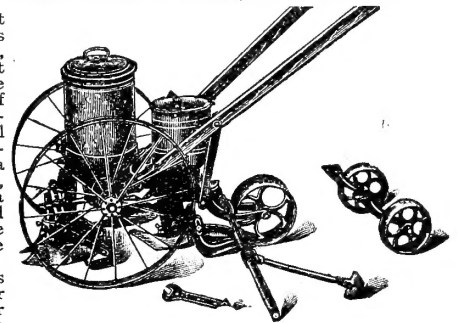
Distributes the fertilizer across the bottom of the furrow or on either side, so it will not come in contact with the seed and possibly injure it; or, the tool may be used for side-dressing the growing crops. The hopper holds 4 quarts. Price complete. . . . . \$7 00

The fertilizer hopper may be removed and a seeder attachment applied, thus making a complete seeder. Or the fertilizer attachment may be applied to most of the Iron Age Wheel-Hoes and Seeders, thus making a complete fertilizer distributor.

**No. 22 Iron Age Combined Fertilizer Distributor, Hill and Drill Seeder**

This implement marks out the row, has two opening plows, with a fertilizer spout for each for placing the fertilizer on each side of the row, covers the fertilizer so the seed will not come in direct contact with same, opens a furrow for the seed, places it in hill or in a continuous row, and covers. All this is done at one time. Price complete, \$17.

May also be used as a fertilizer distributor only. For a fertilizer distributor (as a side dresser only), order a No. 23. Price, \$12.50.



**No. 1 Iron Age Combined Harrow and Cultivator**

Its teeth are diamond shape, with small cultivator tooth forged on one end. For very close work. Every other tooth can be quickly removed. This tool is designed especially for the cultivation of berries and small crops, as it thoroughly pulverizes the soil, but at the same time throws but very little earth.

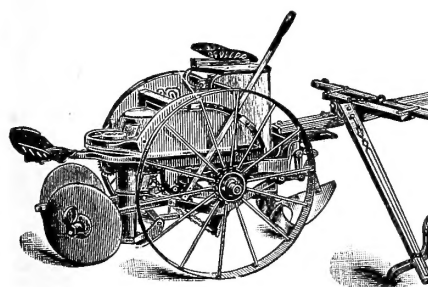
Price complete, with lever expander and plain wheel. . . . . \$5 65  
Plain, without wheel and lever expander. . . . . 4 40

**No. 6 Iron Age Combined Horse Hoe and Cultivator**

Remarkable for great adjustability. With lever, is expanded from 14 to 30 inches. The wheel regulates the depth. The side hoes have numerous adjustments. A most satisfactory and popular implement. Price complete, \$6.25.

**Iron Age Horticultural Label and Row Index.** Made of galvanized iron, interchangeable label and mica covering. Price, 20 cts.

**The Iron Age Improved-Robbins Potato Planter**



Furnished with and without Fertilizer Distributor. New method of more accurate spacing of seed. No misses. No doubles. 100 per cent of the seed planted correctly. No injury to seed. Plants from four to seven acres per day. Complete \$78.00.

Without fertilizer distributor. . . . . \$68.00.  
Corn, bean and pea sower attachment may be added. . . . . \$5.00.

**Iron Age Potato Digger**

The only combined low down and elevator digger. Light in draft. Very durable and free from costly repairs. Has an elevator attachment, which may be applied or detached to suit the conditions. Digs both the early and late crop without skinning or bruising. This digger will bear your most rigid investigation, which we invite.

No. 120 Digger. . . . . \$110 00  
No. 121 Elevator Attachment. . . . . 20 00

**We can also furnish Planet Junior Tools if wanted, send for Catalogue**

# CALENDAR

## A Brief Reminder of What Should Be Planted Each Month in the Year for Texas, Oklahoma, Indian Territory, and Other States Having a Similar Climate

**JANUARY.** Send us your general order for garden and field seeds, so that you will have them on hand when wanted. Sow in hot-beds, Early Cabbage, Beet, Lettuce, Radish, Cauliflower, and Onion, also Pansy and other flower seeds for later transplanting.

**FEBRUARY.** Sow in hotbeds or coldframes, Cabbage, Cauliflower, Lettuce, Radish and Beet; in hotbeds, Eggplant, Tomato and Pepper. Extra-Early Peas, Beets, Spinach, Carrot, Radish, Onion and Parsley may also be sown in the open ground. Set out Asparagus and Horse-radish roots, Onion Sets and hardy Lettuce plants. Sow Dwarf Essex Rape. Early plantings of potatoes may be made. Field Corn. Grass and Clover seeds for field and lawn. Sow Alfalfa.

**MARCH.** General gardening should commence in earnest this month. Plant Garden Peas for succession, some every week or so. Cauliflower, early Cabbage seed, Spinach, Leek, Parsley, Celery, Onion, Lettuce, Asparagus seed, Radish, Beet, Carrot, Parsnip, Salsify, etc. Under glass sow Tomato, Pepper and Eggplant. Plant Irish Potatoes, Asparagus, Horse-radish and Rhubarb roots, Onion sets, etc. Cauliflower, Cabbage plants and Lettuce, after leaving sash open at night, may now be transplanted to open ground. Some of the hardy varieties of Beans, such as Mohawks, or Yellow Six Weeks, Valentine and Black Wax, may now be planted. Also Adams' Extra-Early Garden Corn. Artichokes for hogs. Field Corn. Grass Seeds, for field and lawn. Sow Alfalfa.

**APRIL.** Work enumerated above for March, that may have been in any way delayed, should now be finished as soon as possible. Market-gardeners may now plant out their main crops of nearly all vegetables, excepting some vine seeds. Sow hardy flower seeds. Dahlias, Cannas and Gladiolus bulbs may be set out. Prepare to plant Mangel-Wurzel stock beets next month. Plant Beans, Peas, Corn and other vegetables every two weeks where a succession is wanted. Sow Alfalfa.

**MAY.** All tender seeds can be sown this month. Set out plants from beds and frames raised for regular summer crop. Melon, Cucumber, Squash, Pole Bean, Dwarf Beans and Lima Beans, Black-eyed Peas, Okra, Pumpkin seed, etc. In the field plant Sugar Beets and Mangels for winter stock feed-

ing, all kinds of Sorghum, Millet, Fodder plants, Cow-peas, Soja Beans, Velvet Beans, Peanuts and Cotton, Milo Maize, etc.

**JUNE.** For late crop sow Tomato, late Cabbage. Plant Okra, Melons, Cucumbers and Pumpkins for late use. Sow Sorghum, Millet, Cow-peas, Milo Maize, Soja Beans, Velvet Beans, late corn and vegetables for later summer use. Sow Turnips and Rutabagas, and Mexican June Corn.

**JULY.** Plant Snap Beans for a succession, and Sugar Corn for late roasting ears. Set out late Cabbage plants; also Celery. Turnips and Rutabagas may be sown for fall and winter use. Cucumbers for late pickling purposes and the table, and Mexican June Corn.

**AUGUST.** Continue to plant Snap Beans for table use, and pickles, late Cucumbers for the same purpose; Celery may be set out, cutting off the tops if plants are very large; finish sowing all kinds of turnips. Sow Dwarf Essex Rape, Rescue Grass.

**SEPTEMBER.** Sow Radish and Spinach for fall and winter use, Mustard, Corn Salad and Kale. Lettuce, early Cabbage, Cauliflower and Onions may be sown for November transplanting. Early French and Dutch Bulbs of Hyacinths, Tulips and other beautiful house flowers should be planted now to come in by Christmas. Sow Alfalfa, Barley, Rye, Winter Turf Oats, Wheat, Rescue Grass, Bermuda Grass, Dwarf Essex Rape, Vetches, Burr Clover.

**OCTOBER.** Early Cabbage and Lettuce plants to be transplanted in November. Turnips for Salad, Mustard, Kale, and Spinach; all kinds of grass and clover. For fall seeding, Wheat, Oats, Rye, Barley, and Vetches. Sow Alfalfa.

**NOVEMBER.** Sow Lettuce and early Cabbage, and plant out Lettuce, Cabbage, Strawberry plants and Asparagus roots. Set out all kinds of flowering bulbs for early spring flowers. Sow Alfalfa.

**DECEMBER.** Beets, Radishes and Lettuce can be forced in hotbeds for winter use, market-gardeners generally finding same very profitable. Winter and spring-flowering bulbs should not be planted later than this month to obtain satisfactory results.

## Table Showing Quantities of Seed Usually Sown per Acre

	Weight per bus.	Quantity to sow 1 acre		Weight per bus.	Quantity to sow 1 acre
Alfalfa	.60 lbs.	20 to 30 lbs.	Melon, Water, in hills		4 to 5 lbs.
Artichoke	.50 lbs.	4 to 5 bus.	Millet, German	50 lbs.	1 to 1½ bus.
Barley, broadcast	.48 lbs.	2 to 3 bus.	Millet, Hog	50 lbs.	1 to 1½ bus.
Bean, Dwarf, in drills	.60 lbs.	1½ bus.	Millet, Siberian	50 lbs.	1 to 1½ bus.
Bean, Pole, in hills	.60 lbs.	10 to 12 qts.	Millet, Japanese	50 lbs.	1 bus.
Beet, Table, in drills	6 lbs.	6 lbs.	Millet, Pearl or Cattail, in drills		5 lbs.
Beet, Mangel-Wurzel		5 lbs.	Millet, Pearl or Cattail, broadcast		30 lbs.
Broom Corn, in hills	.46 lbs.	8 to 10 qts.	Milo Maize, in drills	50 lbs.	10 lbs.
Buckwheat	.48 lbs.	1 bus.	Oats, broadcast	32 lbs.	2 to 3 bus.
Cabbage, in beds to transplant		¼ lb.	Onion Seed, in drills		3 to 5 lbs.
Carrots, in drills		3 to 4 qts.	Onion Sets, in drills	32 lbs.	6 to 12 bus.
Corn, in hills	.56 lbs.	8 to 10 qts.	Onion Seed, for sets, in drills		50 lbs.
Corn, for Fodder	.56 lbs.	3 bus.	Parsnip, in drills		4 to 6 lbs.
Clover, Alsike	.60 lbs.	10 lbs.	Peanuts	22 lbs.	1 bus.
Clover, Lucerne or Alfalfa	.60 lbs.	20 to 30 lbs.	Peas, field or stock, broadcast	.60 lbs.	1½ to 3 bus.
Clover, Red	.60 lbs.	20 lbs.	Pea, Garden, Wrinkle, in drills	.56 lbs.	1½ bus.
Clover, White	.60 lbs.	12 to 15 lbs.	Pea, Round, in drills	.60 lbs.	1½ bus.
Cucumber, in hills		2 lbs.	Potatoes	.60 lbs.	8 bus.
Flax, broadcast	.56 lbs.	1½ bus.	Potato, Cut Tubers	.60 lbs.	8 bus.
Grass, Kentucky Blue	.14 lbs.	3 bus.	Pumpkins, in hills		3 lbs.
Grass, Orchard	.14 lbs.	3 bus.	Radish, in drills		8 to 10 lbs.
Grass, English Rye	.22 lbs.	3 bus.	Rape, Dwarf Essex		5 to 8 lbs.
Grass, Red Top	.10 lbs.	3 bus.	Rye, broadcast	.56 lbs.	1½ to 2 bus.
Grass, Timothy	.45 lbs.	¼ bus.	Salsify, in drills		8 to 10 lbs.
Grass, Hungarian	.48 lbs.	1 bus.	Sorghum or Sugar Cane	50 lbs.	2 to 4 bus.
Grass, Rescue		40 lbs.	Spinach, in drills		15 lbs.
Grass, Bermuda		4 lbs.	Squash, Bush Varieties, in hills		4 lbs.
Grass, Johnson	.25 lbs.	30 lbs.	Squash, Running Varieties, in hills		3 lbs.
Grass, Lawn	.15 lbs.	4 bus.	Tomato, to transplant		¼ lb.
Kaffir Corn, in drills	.50 lbs.	10 lbs.	Turnip, broadcast		2 to 3 lbs.
Kaffir Corn, broadcast	.50 lbs.	1 bus.	Turnip, in drills, 1 oz. to 250 ft of drill		1½ lbs.
Melon, Musk, in hills		2 to 3 lbs.	Vetch, broadcast		2 to 3 bus.
			Wheat, broadcast	.60 lbs.	1½ to 2 bus.

# INDEX

SPECIALTIES.	PAGE
Beans:	
Hopkins' Improved Round-Pod Red	2
Valentine.....	2

Cabbage:	
Nicholson's Extra Early.....	2
Nicholson's Early Wonder.....	2
Nicholson's Prize Head.....	2

Cane:	
Texas Seeded Ribbon.....	6

Cantaloupes:	
Burrell's Gem (new).....	7
Burrell's Thoroughbred Rockyford.....	9
Dooley's Triumph.....	7
Pollock or Eden Gem.....	9
Van Buskirk's Netted Rock.....	7
Pollock or Eden Gem.....	9
Van Buskirk's Netted Rock.....	7

Corn:	
Laguna Corn.....	3
Marlboro Prolific.....	3

Cotton:	
Long Staple Cotton.....	4
Mebane's Triumph.....	4
Nicholson's Early Big Boll.....	4

Garden Huckleberry.....	8
Mexican Burning Bush.....	2

Muskmelon:	
Improved Banana.....	8

Onion:	
White Wonder.....	6

Pepper:	
Neapolitan.....	6
New Chinese Giant.....	6

Rhubarb:	
Everbearing Crimson Winter.....	3

Tomatoes:	
Chalk's Early Jewel.....	9
June Pink.....	9
Livingston's Dwarf Stone.....	9
Livingston's Globe.....	9

Watermelons:	
The New Watermelon, Angel Kiss.....	5
Southern Beauty.....	5

## STANDARD VARIETIES VEGETABLE SEEDS

Asparagus—Seed—Roots.....	10
Artichoke.....	10
Beans.....	11-12
Beets.....	23
Brussels Sprouts.....	14
Carrots.....	14
Cauliflower.....	14
Cress.....	14
Collards.....	14
Cabbage.....	15, 16
Cantaloupe.....	18, 19
Celery.....	14
Corn.....	16
Corn Salad, or Feticus.....	14
Cucumber.....	16, 17
Egg Plant.....	17
Endive.....	12
Garlic.....	12
Horse-Radish.....	17
Kale, or Borecole.....	17
Kohlrabi.....	17
Lettuce.....	18
Leek.....	18
Melons—Musk or Cantaloupe.....	18, 19
Water.....	5, 19, 20
Mustard.....	22
Onions.....	20, 21
Okra, or Gumbo.....	22
Parsnip.....	22
Parsley.....	22
Peas.....	22
Pepper.....	6, 24
Potatoes.....	23
Pumpkins.....	23
Radishes.....	24
Rhubarb.....	3, 23
Salsify.....	24
Spinach.....	24
Squash.....	25
Tomatoes.....	9, 25, 26
Tobacco.....	26
Turnips.....	26

## SUMMER FLOWERING BULBS

Beautiful Japan Lilies.....	28
Caladium.....	28
Double Chinese Peonies.....	28
Dahlias.....	28
Gladiolus.....	28
Ipomeo Mexicana, Palmato or Paniculata.....	28
Japan Iris.....	28
Mexican Everblooming Tuberose.....	28
New Excelsior Pearl Tuberose.....	28

CHOICEST FLOWER SEEDS.	PAGE
Ageratum.....	29
Alyssum.....	29
Amaranthus.....	29
Antirrhinum.....	29
Aquilegia.....	29
Aster.....	29, 30
Balsam.....	29
Bellis Perennis.....	30
Calendula.....	30
Campanula.....	30
Candytuft.....	30
Cannas, Dwarf French.....	30
Carnation.....	30
Calliopsis.....	31
Celosia, or Cockscomb.....	30
Dwarf Plumed.....	30
Centaurea.....	31
Chrysanthemums, Annual.....	31
Coleus.....	31
Dahlia.....	31
Datura, Cornicopia.....	31
Dianthus, or Pink.....	31
Digitalis Gloxiniaeflora.....	31
Eschscholtzia.....	31
Everlastings.....	33
Feverfew.....	31
Gaillardia.....	31
Geranium.....	31
Heliotrope.....	31
Hollyhock.....	31
Forget-me-not.....	31
Kochia.....	31
Larkspur.....	31
Lychnis.....	31
Marigolds.....	31
Marvel of Peru.....	31
Mignonette.....	31
Nasturtiums.....	31
Nicotiana.....	31
Oxalis Tropaeoloides.....	32
Pansies.....	32
Phlox Drummondii.....	32
Petunia.....	32
Poppies, Double.....	32
Single.....	32
Portulaca.....	32
Pyrethrum.....	32
Ricinus.....	32
Salvia.....	32
Salpiglossis.....	32
Scabiosa, or Mourning Bride.....	32
Stocks, Ten Weeks.....	32
Sunflower.....	33
Sweet Peas.....	33, 34
Sweet William.....	33
Verbenas.....	33
Vinca.....	33
Vines and Climbers.....	34
Violets.....	33
Zinnia.....	33

Abutilon.....	49
Ageratum.....	49
Alyssum.....	49
Alternanthera.....	49
Amaryllis.....	49
Antigonon Leptopus.....	49
Antirrhinum.....	49
Araucaria Excelsa.....	49
Asparagus, Ornamental.....	49
Azalea, Chinese.....	49
Begonias.....	50
Bougainvillea.....	50
Bulbs for Winter Blooming.....	61
Calla Lily.....	52
Cannas.....	50, 51
Carnations.....	53
Chrysanthemums.....	51, 52
Clematis.....	53
Coleus.....	53
Cuphea Platycentra.....	53
Cyclamen.....	53
Dasies.....	53
Ferns.....	54
Ficus Elastica.....	54
Fuchsias.....	45
Geraniums.....	55, 56
Heliotrope.....	56
Hibiscus.....	56
Honeysuckles.....	56
Hydrangea.....	56
Impatiens Sultan.....	56
Ivy, Hardy English.....	56
Jasminum.....	56
Lantana.....	57
Lemon, Ponderosa.....	56
Lemon Verbena.....	56
Moonflower.....	57
Otaheite Nrange.....	57
Othonna Crassifolia.....	57
Oleanders.....	57
Oxalis.....	57
Palms.....	57
Pandanus.....	57
Pansies.....	57
Paris Daisy.....	57
Petunias, Double.....	57
Plumbago.....	57
Roses.....	58, 59, 60, 61
Salvia.....	61
Smilax.....	61
Strawberry Plants.....	61
Swainsona Galegifolia Alba.....	61
Tradescantia.....	61
Verbena.....	61
Violets.....	61

## CHOICE SEEDS FOR THE FARM.

Artichokes.....	47
Australian Salt Bush.....	39
Barley.....	39
Buckwheat.....	39
Broom Corn.....	42
Castor Bean.....	42
Corn.....	35, 36, 37, 38
Cotton.....	43

## Forage Plants:

Chufas, or Earth Almonds.....	41
Clover Seed.....	45, 46
Dwarf Essex Rape.....	47
Field, or Cow Peas.....	41
Flax.....	42
Giant Beggar-Weed.....	42
Mammoth Russian Sunflower.....	41
Millet.....	42
Milo Maize.....	39
Peanuts.....	47
Rye.....	39
Seed Oats.....	39
Seed Wheat.....	39
Soja Beans, or Coffee Berry.....	41
Sorghum, or Sugar Cane.....	38, 39
Speltz, or Emmer.....	41
Teosinte.....	47
Velvet Bean.....	41
Vetches.....	40
Wild Rice.....	42
Grass and Clover Seed.....	44, 45, 46
Tree Seeds.....	47

## SHRUBS AND TREES

Fruit Trees.....	61
Shrubs, Ornamental.....	61
Trees, Deciduous.....	62
Evergreens.....	62

## PLANTS FOR THE HOUSE AND GARDEN.

	PAGE
Abutilon.....	49
Ageratum.....	49
Alyssum.....	49
Alternanthera.....	49
Amaryllis.....	49
Antigonon Leptopus.....	49
Antirrhinum.....	49
Araucaria Excelsa.....	49
Asparagus, Ornamental.....	49
Azalea, Chinese.....	49
Begonias.....	50
Bougainvillea.....	50
Bulbs for Winter Blooming.....	61
Calla Lily.....	52
Cannas.....	50, 51
Carnations.....	53
Chrysanthemums.....	51, 52
Clematis.....	53
Coleus.....	53
Cuphea Platycentra.....	53
Cyclamen.....	53
Dasies.....	53
Ferns.....	54
Ficus Elastica.....	54
Fuchsias.....	45
Geraniums.....	55, 56
Heliotrope.....	56
Hibiscus.....	56
Honeysuckles.....	56
Hydrangea.....	56
Impatiens Sultan.....	56
Ivy, Hardy English.....	56
Jasminum.....	56
Lantana.....	57
Lemon, Ponderosa.....	56
Lemon Verbena.....	56
Moonflower.....	57
Otaheite Nrange.....	57
Othonna Crassifolia.....	57
Oleanders.....	57
Oxalis.....	57
Palms.....	57
Pandanus.....	57
Pansies.....	57
Paris Daisy.....	57
Petunias, Double.....	57
Plumbago.....	57
Roses.....	58, 59, 60, 61
Salvia.....	61
Smilax.....	61
Strawberry Plants.....	61
Swainsona Galegifolia Alba.....	61
Tradescantia.....	61
Verbena.....	61
Violets.....	61

## HARDY PERENNIAL PLANTS.

Achillea.....	62
Bocconia.....	62
Campanula.....	62
Evergreens.....	62
Garden Pinks.....	62
Hardy Phloxes.....	62
Helianthus.....	62
Hibiscus.....	62
Hollyhocks.....	62
Platycodon.....	62
Physostegia Virginica.....	62
Pyrethrum Uliginosum.....	62
Rudbeckia, Golden Glow.....	62
Santolina Chamaecyparissus.....	62
Shasta Daisy.....	62
Stokesia Cyanea.....	62
Superb Peonies.....	62
Tritoma.....	62
Veronica.....	62

## INCUBATORS AND BROODERS

Pages 63, 64.

## POULTRY SUPPLIES

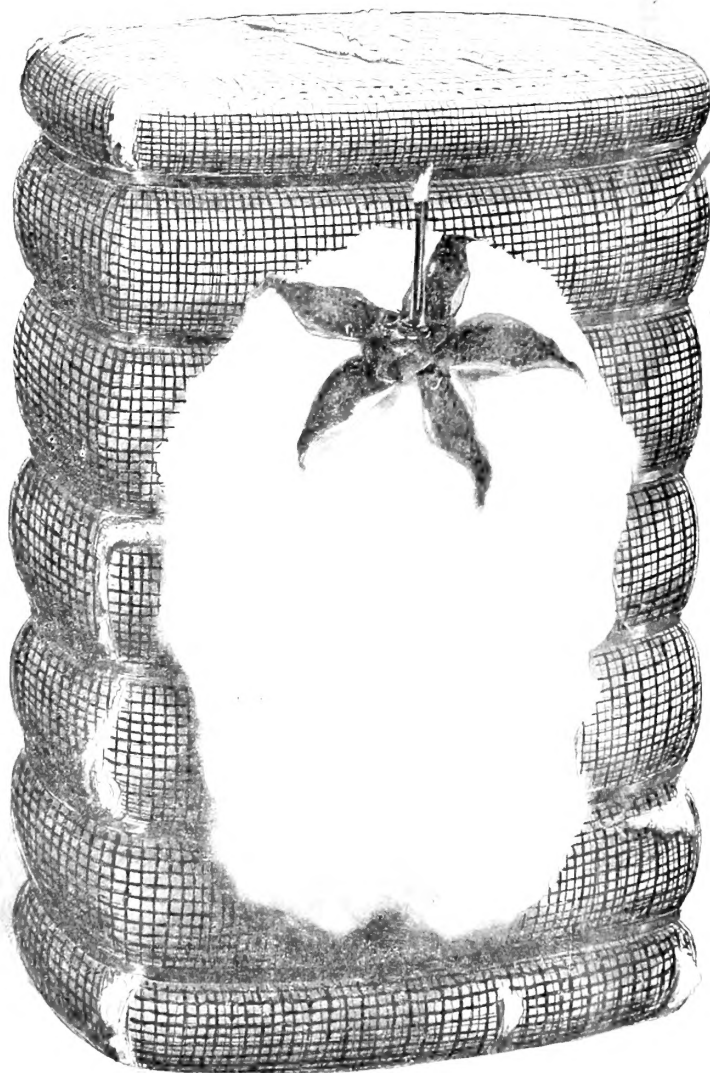
Pages 65-73.

## FARM AND GARDEN SUPPLIES

Pages 74-77.

## MISCELLANEOUS.

Aquariums.....	77
Beekeepers, Supplies.....	77
Books—Agricultural and Poultry.....	73
Calendar, showing seeds to be planted each month.....	80
Dollar Collection of Vegetable Seeds.....	27
Fertilizers.....	78
Fifty Cent Collection of Flower Seeds.....	27
Implements.....	79
Medicinal Herbs.....	27
Nitro-Culture.....	77
Raffia, or Raphia.....	34
Table of Seed (giving quantity used per acre).....	80
Vegetable Plants and Roots.....	46



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